



Final

**Record of Decision
Former Transformer Storage Area
Site 15**

**Alameda Point
Alameda, California**

May 30, 2006

Prepared for:
**Base Realignment and Closure
Program Management Office West
San Diego, California**

Prepared under:
**Naval Facilities Engineering Command
Contract Number N687-11-03-D-5104
Contract Task Order 113**

DS.B113.20158

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ACRONYMS AND ABBREVIATIONS

µg/L	Microgram per liter
AOC	Area of concern
B(a)P	Benzo(a)pyrene
BCT	BRAC Cleanup Team
bgs	Below ground surface
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
COPC	Chemical of potential concern
COPEC	Chemical of potential ecological concern
CPT	Cone penetrometer testing
DTSC	California Department of Toxic Substances Control
EBS	Environmental baseline survey
EPA	U.S. Environmental Protection Agency
ERA	Ecological risk assessment
ERM	Environmental Resources Management
FS	Feasibility study
FWBZ	First water-bearing zone
HEAST	Health Effects Assessment Summary Tables
HHRA	Human health risk assessment
HI	Hazard index
HQ	Hazard quotient
IAS	Initial assessment study
IR	Installation Restoration
IRIS	Integrated Risk Information System
IT	International Technology Corporation
JMM	J.M. Montgomery Associates
LOAEL	Lowest observed adverse effect level
MCL	Maximum contaminant level
mg/kg	Milligram per kilogram
NACIP	Navy Assessment and Control of Installation Pollutants

ACRONYMS AND ABBREVIATIONS (Continued)

NAS	Naval Air Station
Navy	U.S. Department of the Navy
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NEESA	Naval Energy and Environmental Support Activity
NOAEL	No observed adverse effects level
NPL	National Priority List
OEHHA	California Office of Environmental Health Hazard Assessment
OU	Operable unit
PAH	Polynuclear aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PRC	PRC Environmental Management, Inc.
PRG	Preliminary remediation goal
RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
RFA	RCRA facility assessment
RI	Remedial investigation
ROD	Record of decision
SARA	Superfund Amendments and Reauthorization Act
STSC	Superfund Technical Support Center
SVOC	Semivolatile organic compound
SWBZ	Second water-bearing zone
SWMU	Solid waste management unit
TDS	Total dissolved solids
Tetra Tech	Tetra Tech EM Inc.
TPH	Total petroleum hydrocarbons
TRV	Toxicity reference value
VOC	Volatile organic compound
Water Board	San Francisco Bay Regional Water Quality Control Board

DECLARATION

SITE NAME AND LOCATION

This decision document addresses the former Transformer Storage Area (Installation Restoration [IR] Site 15) at the former Naval Air Station (NAS), now referred to as Alameda Point, in Alameda, California. The U.S. Environmental Protection Agency (EPA) Comprehensive Environmental Response, Compensation, and Liability Act Information System identification number is CA2170023236.

STATEMENT OF BASIS AND PURPOSE

This record of decision (ROD) presents the selected remedy, no further action for soil and no action for groundwater, for the former Transformer Storage Area (Site 15), Alameda, California.

This document was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by Superfund Amendments and Reauthorization Act (SARA) of 1986 (Title 42 United States Code Section 9601, et seq.), and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (Title 40 *Code of Federal Regulations* Part 300).

This decision is based on information contained in the administrative record file (a site-specific administrative record index is included as [Attachment A](#)) as well as on extensive field investigations, laboratory analyses, interpretation of the data, evaluation of current and future conditions, and thorough assessment of the potential human health and ecological risks. Based on these findings, there are no land use restrictions, environmental monitoring, or Resource and Recovery Act (RCRA) corrective action required at the site.

The U.S. Department of the Navy (Navy), the EPA, the State of California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board), concur on the selected remedy for this site. Agreement letters from the EPA, DTSC, and the Water Board are included as [Attachment B](#).

ASSESSMENT OF THE SITE

The Navy has concluded that remedial action is not required to protect public health or the environment on the basis of the following:

- Site histories
- Field investigations

- Laboratory analytical results
- Evaluation of potential ecological and human health risks
- Current and reasonably anticipated future land use

Results of investigations at the former Transformer Storage Area (Site 15) have verified that current and reasonably anticipated future land uses at the site do not pose a risk to human health or the environment. The human health risk assessment indicated that no significant risks to human health remain at the site. Similarly, the ecological risk assessment concluded that there are no unacceptable ecological risks associated with soil and groundwater at the site.

STATUTORY DETERMINATIONS

The Navy has concluded that no remedial action is necessary at the site because a previous removal action eliminated the need to conduct further actions. In addition, the current and reasonably anticipated future land use and likely future use of the site is protective of human health and the environment and complies with federal and state requirements. A five-year status review will not be required because: 1) this remedy will not result in hazardous substances, pollutants, or contaminants remaining on-site at levels above those that allow for unlimited use and unrestricted exposure, and 2) as a result, a remedial action was not necessary or selected in this ROD.

AUTHORIZING SIGNATURES

Signature

Date

Thomas Macchiarella
Base Realignment and Closure Environmental Coordinator
Base Realignment and Closure Program Office West
Department of the Navy

Signature

Date

Kathleen Johnson
Chief, Superfund Federal Facilities and Site Cleanup Branch
U.S. Environmental Protection Agency

Signature

Date

The State of California, Department of Toxic Substances Control had an opportunity to review and comment on the Record of Decision and DTSC's concerns were addressed

Anthony J. Landis, P.E.
Chief, Northern California Operations,
Office of Military Facilities
California Environmental Protection Agency
Department of Toxic Substances Control

Signature

Date

Bruce H. Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board

1.0 SITE NAME, LOCATION, AND DESCRIPTION

This record of decision (ROD) presents the determination by the U.S. Department of the Navy (Navy) that no remedial action is necessary at the former Transformer Storage Area (Installation Restoration [IR] Site 15). Site 15 is part of Operable Unit (OU) 1 at the former Naval Air Station (NAS) Alameda (now referred to as Alameda Point) in Alameda, California. The document was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Title 42 *United States Code* Section 9602 et seq. [and the following one or ones]) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (Title 40 *Code of Federal Regulations* Section 300 et seq.). The decision for this site is based on the information contained in the administrative record. The administrative record index for this no further action for soil and no action for groundwater site is found in [Attachment A](#).

1.1 SITE NAME

This decision document addresses IR Site 15, the Former Transformer Storage Area at Alameda Point (hereinafter referred to as Site 15).

1.2 SITE LOCATION

Site 15 is part of Alameda Point, which is adjacent to the City of Oakland (see [Figure 1-1](#)). Alameda Point is roughly rectangular, about 2 miles long (east to west) and 1 mile wide (north to south), and occupies 1,734 acres of onshore land. Site 15 is located in the northwestern portion of Alameda Point, north of Runway 7-25 and Perimeter Road, and adjacent to the Oakland Inner Harbor (see [Figure 1-2](#)).

1.3 SITE DESCRIPTION

Site 15 consists of about six unpaved acres (see [Table 1-1](#)). Approximately 1 acre of wetlands is located along the northern portion of the site, which is a 20-foot wide section between the Site 15 fence and the shore of Oakland Inner Harbor (see [Figure 1-3](#)). Building 27, the only building remaining on the site, served as a sewer lift station and maintenance shop. Materials stored in Building 27 included petroleum products and disinfectants. Former Buildings 283, 301, and 389 were Quonset huts (prefabricated portable huts made of corrugated metal) and were used to store electrical equipment, oil-filled transformers, and unused machinery. Transformers also were stored on the bare ground in the areas around the buildings. Additional features at Site 15 include several storm sewer lines that are present in the western portion of Site 15. Also, two narrow-gauge railroads (Alameda mole) passed through Site 15 during the late 1800s.



SulTech

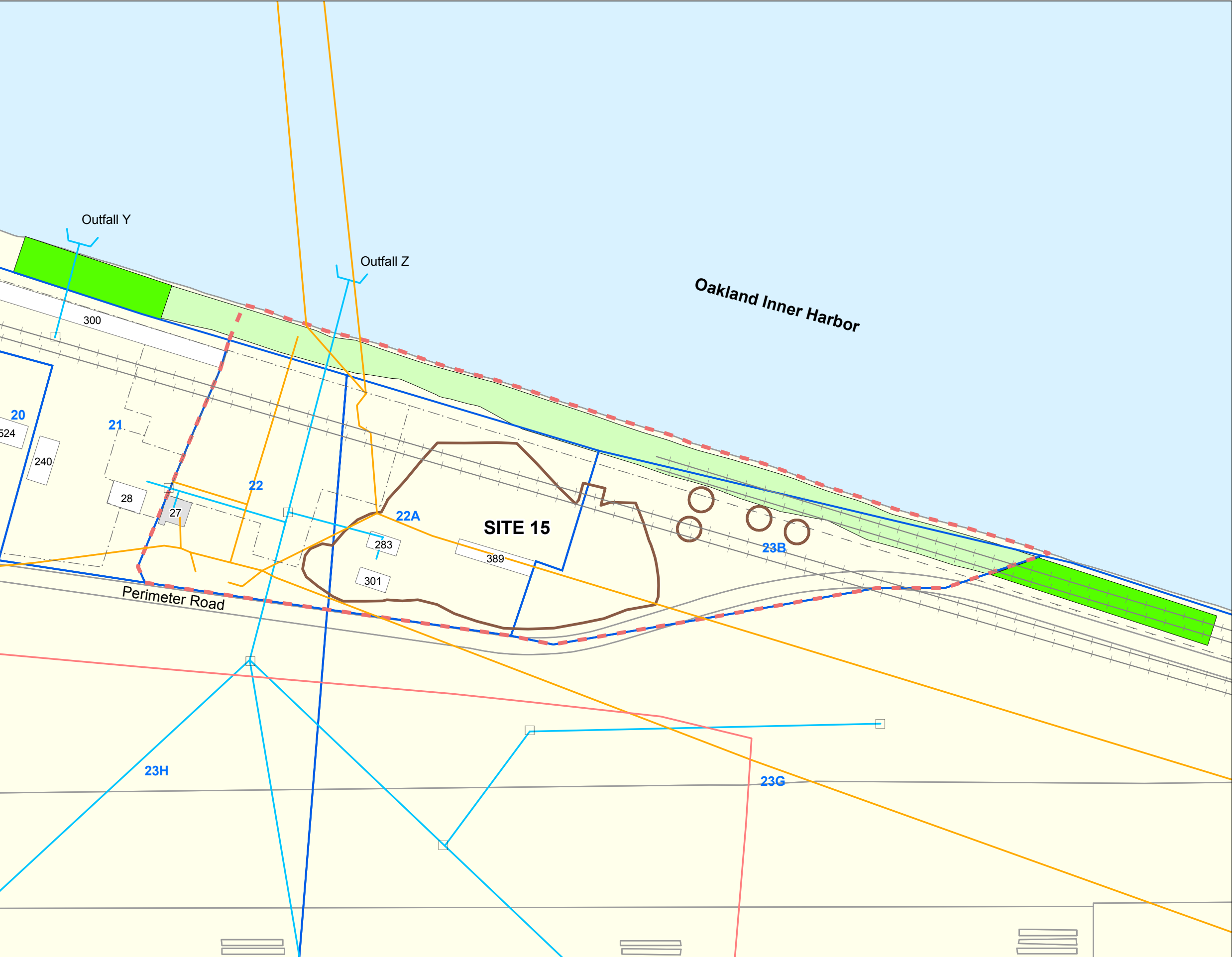
Alameda Point

U.S. Navy, BRAC PMO West, San Diego, CA

**FIGURE 1-1
ALAMEDA POINT LOCATION MAP**

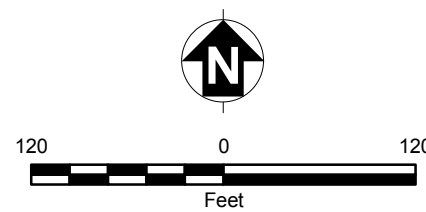
Operable Unit 1 Site 15
Record of Decision, Alameda Point





- Catch Basin
- Fence Line
- Fuel Line
- Sanitary Sewer Line
- Storm Sewer Line
- Railroad
- CERCLA Site
- Environmental Baseline Survey Parcel
- Excavation
- Wetland
 - Delineated
 - Inferred
- Buildings
 - Present
 - Removed

Note:
CERCLA Comprehensive Environment Response,
Compensation, and Liability Act



Alameda Point
U.S Navy, BRAC PMO West, San Diego, CA

**FIGURE 1-3
SITE 15 FEATURES**

Operable Unit 1 Site 15
Record of Decision, Alameda Point

TABLE 1-1: SITE 15 DESCRIPTION

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Operable Unit Number	Site Name	Approximate Area (acres)	Approximate Depth to Groundwater (feet bgs)	Site Description
OU-1	Site 15	6	5	<p>Site 15 consists of about 6 unpaved acres. Approximately 1 acre of wetland is located in the northern boundary of the site near Oakland Inner Harbor. Site 15 includes Building 27, the only building remaining on the site, and several storm lines. It is located in the northwestern portion of Alameda Point bounded by the Oakland Inner Harbor, Runway 7-25, and Site 14. Former Buildings 283, 301, and 389, constructed by the Navy in the 1950s, and their associated yards were located within the site boundary. The site was primarily used for storage of petroleum products, biocides, electrical equipment, oil-filled transformers, and machinery.</p> <p>Contamination included a PCB (Aroclor-1260) and lead, which may have been released to soil from spills or leaking oil-containing transformers, use of PCB-containing oil for weed control, or storage and use of lead-based paints. Additionally, PAHs were detected in soil at the site, which were attributed to the use of dredge materials from San Francisco Bay as fill material.</p>

Notes:

bgs below ground surface
OU Operable unit
PAH Polynuclear aromatic hydrocarbons
PCB Polychlorinated biphenyl

2.0 SITE HISTORY AND ENFORCEMENT ACTIVITIES

This section summarizes the history of investigation activities conducted at Site 15.

2.1 SITE HISTORY

Alameda Point is located on the western tip of Alameda Island, which is on the eastern side of San Francisco Bay. Most of the northern portions of Alameda Island were covered by the waters and tidal lands of San Francisco Bay. To create Alameda Point, fill material was dredged from San Francisco Bay. The U.S. Army acquired Alameda Point from the City of Alameda in 1930. The Navy later acquired the land from the U.S. Army in 1936, and built the former NAS Alameda to support the Navy's operations in Europe before World War II. During the operation of NAS Alameda, it housed approximately 60 military tenant commands for a combined military/civilian work force of over 18,000 personnel.

In the mid- to late-1800s, two narrow-gauge railroads running parallel to the Oakland Inner Harbor and extending to a former pier and ferry terminal on the northwestern tip of Alameda Point (Alameda mole) were established. Although a surveyed location of the railroad is unavailable, aerial photographs show that railroads were constructed in the area that is designated as Site 15 ([Tetra Tech EM Inc. \[Tetra Tech\] 2003c](#)) (see [Figure 1-3](#)).

Historically, Site 15 was used for storage of petroleum products, biocides, electrical equipment, oil-filled transformers, and machinery. Building 27, the only building remaining at the site, was used as a sewer lift station, maintenance shop, and storage of petroleum products and biocides. Former Buildings 283, 301, and 389 were Quonset huts that were constructed by the Navy in the 1950s. Former Buildings 283 and 301 were used for storing electrical equipment, oil-filled transformers, and machinery; and Building 389 was used for transformer storage. Prior to 1974, transformers were also stored on the bare soil surrounding these buildings.

The Navy began investigations of contaminated sites in 1982 under the auspices of the Navy Assessment and Control of Installation Pollutants (NACIP) program. The Navy's procedures and priorities for conducting environmental investigations and cleanups have evolved, partly in response to events such as the closure of NAS Alameda in April 1997, under the Base Realignment and Closure (BRAC) Act, and the designation of Alameda Point as a National Priority List (NPL) site in July 1999 ([U.S. Environmental Protection Agency \[EPA\] 1999](#)). When NAS Alameda was listed for closure, responsibility for the environmental cleanup program at Alameda Point passed to the BRAC Cleanup Team (BCT). At Alameda Point, the BCT comprises representatives from Navy, EPA, San Francisco Bay Regional Water Quality Control Board (Water Board), and California Department of Toxic Substances Control (DTSC). The listing of Alameda Point on the NPL invokes the remedial requirements of the NCP and requires EPA concurrence prior to the final classification of any property as uncontaminated. The Navy was also required to negotiate and sign an interagency agreement with EPA. The Navy and the EPA signed the Federal Facility Agreement in 2001, and the DTSC and the Water Board signed it in 2005.

The BCT developed a comprehensive strategy to accelerate site investigation, cleanup, and reuse of the CERCLA sites at Alameda Point, and part of that strategy involved grouping the sites into OUs. Site 15 is part of OU-1 and is designated as a light industrial OU because it is a relatively small site with relatively low levels of contamination related to storage of PCB-containing transformers; historical use of petroleum, oil and lubricants; lead-based paint from buildings; and PAHs possibly associated with fill material used to create the installation. This ROD does not address all of OU-1 but rather addresses Site 15 only. OU-1 also contains Sites 6, 7, 8, 14, and 16, which will be addressed in separate ROD documents. Previously, the basewide storm sewer system was designated Site 18. Storm sewers are currently being addressed within their respective CERCLA site; therefore, the storm sewers located within the boundary of Site 15 are being addressed by this decision document.

2.2 INVESTIGATION ACTIVITIES

No enforcement activities are related to Site 15 or any other OU-1 sites. Environmental investigation and remedial activities associated with OU-1 are implemented under an installation-wide environmental program called the IR program. The purpose of this program is to identify, investigate, assess, characterize, and cost-effectively clean up or control releases of hazardous substances to reduce the risk to human health and the environment. The program is administered in accordance with the following environmental laws:

- CERCLA, as amended by SARA, and the Community Environmental Response Facilitation Act (CERFA)
- Resource Conservation and Recovery Act (RCRA)
- National Environmental Policy Act

CERCLA applies to sites where a hazardous substance is known or suspected to have been released to the environment. CERFA requires the federal government to identify, for each facility, real property that is not contaminated and that offers the greatest opportunity for expedited reuse and redevelopment by the community. Real property identified as uncontaminated under CERFA must be free of hazardous substances and petroleum products, or the remediation of contamination by such substances should be expedited to facilitate transfer of the property to the public. RCRA generally applies to active solid and hazardous waste management facilities. RCRA also may apply to past solid waste management units (SWMU) and/or areas of concern (AOC) that are located on past hazardous waste management facilities. CERCLA and RCRA address the investigation and cleanup of contaminated property through slightly different, but functionally equivalent processes; therefore, regulatory authorities normally require the application of only one of the processes, when both CERCLA and RCRA apply to a single site. In these instances, brief explanations are prepared to indicate the fulfillment of the requirements for the process that was not used. No RCRA SWMUs or AOCs were identified at Site 15

In addition to investigations under CERCLA, Alameda Point and Site 15 also underwent environmental baseline survey (EBS) investigations. The following sections summarize the CERCLA, RCRA, and EBS activities conducted at Site 15.

2.2.1 CERCLA Investigation Activities

The Navy initiated environmental investigations at Alameda Point under the NACIP program. Under the NACIP, the Navy performed an initial assessment study (IAS) in 1982 to assess Alameda Point for areas posing a potential threat to human health or the environment due to contamination from past hazardous materials operations (see [Table 2-1](#)). The IAS identified Site 15 as needing further study, based on the historical uses of the buildings at the site, including storing electrical equipment, oil-filled transformers, and old unused machinery ([Naval Energy and Environmental Support Activity \[NEESA\] 1983](#)). In 1985, a verification step/characterization study was performed at the site, and surface samples were collected in transformer storage areas adjacent to Building 389 and analyzed for polychlorinated biphenyls (PCBs) ([Wahler Associates 1985](#)).

On June 6, 1988, the Navy received a Remedial Action Order from the California Department of Health Services (now DTSC) that identified Site 15 as needing a remedial investigation/feasibility study (RI/FS), in conformance with the requirements of CERCLA. In response, the Navy converted its NACIP program into the IR program to be more consistent with CERCLA, and investigations were conducted in a phased approach.

Phase I of the CERCLA investigations encompassed several other sites at Alameda Point, but did not include Site 15. Investigations at Site 15 were conducted in 1991 during Phases 2B and 3. During the Phase 2B and 3 investigations, surface soil, subsurface soil, and groundwater samples were collected to (1) support a human health risk assessment (HHRA) for the site, (2) characterize potential contaminant sources at the site, and (3) assess whether past hazardous waste storage activities had resulted in any releases to the environment ([PRC Environmental Management Inc. \[PRC\] and J.M. Montgomery Associates \[JMM\] 1992](#)). Semivolatile organic compounds (SVOCs), including polynuclear aromatic hydrocarbons (PAHs) and phthalates; volatile organic compounds (VOCs); pesticides and PCBs; and metals were detected in soil samples. No chemicals were detected in any groundwater samples at concentrations above screening levels. Recommendations included (1) future quarterly groundwater monitoring and (2) additional sampling of surface soil to determine the aerial extent of PAHs, pesticides, PCBs, and metals ([PRC and JMM 1992](#)). Future quarterly groundwater monitoring was conducted to address data gaps.

In 1994, the Navy conducted a follow-on investigation to collect additional chemical, geological, and hydrogeologic data at Site 15 where data gaps existed from the Phase 2B and 3 investigations ([PRC and JMM 1994](#)). Field activities included cone penetrometer testing (CPT) and groundwater sampling using direct-push technology in order to evaluate the lithology and hydrogeologic characteristics of the site below a depth of 15 feet and to assess the thickness of the second water-bearing zone (SWBZ). Groundwater samples were collected quarterly at two monitoring wells in the first water-bearing zone (FWBZ), and surface soil samples were collected from the wetland ([PRC and JMM 1996](#)). SVOCs (including PAHs), pesticides, and metals (lead and copper) were detected in soil samples and total petroleum hydrocarbons (TPH)

and metals were detected in groundwater samples. Based on review of the data, all chemicals (except for TPH) were determined to be similar in nature and extent to those found during previous investigations. As a result, the extent of potential chemicals of interest in soil and groundwater was adequately characterized for the purpose of conducting an RI and FS.

Based on these investigations, a CERCLA removal action was conducted at Site 15 from May 1994 to December 1995 in order to mitigate the risk to human health and the environment caused by potential exposures of human and ecological receptors to soils with elevated concentrations of PCBs and lead and reduce the potential effects of soil contaminants on groundwater. The removal activities included the demolition of Buildings 283 and 301 and the foundation of Building 389; excavation, stockpiling, and off-site disposal of 6,600 cubic yards of soil; confirmation sampling; and backfilling of the excavation. Cleanup levels of 1.0 and 130 milligrams per kilogram (mg/kg) for PCBs and lead, respectively, were used (Tetra Tech 1998). A total of 170 confirmation samples were collected during the removal action at Site 15, and PCB, lead, pesticide, SVOC, and metals analyses were conducted on selected samples. These sample results indicated that the clean-up objectives agreed to by the BCT were met. As a result of unanticipated conditions encountered during the initial phase of the removal action, the Navy was unable to complete the on-site treatment of excavated soil using soil washing technology. Excavated soil was located in a temporary storage and treatment area until it was disposed of at the Altamont and Chemical Waste Management Landfill Facilities (Tetra Tech 1998). Addenda to the engineering evaluation/cost analysis and action memorandum (Moju 1997a, b) were prepared to support the final disposition of the soil, and a close-out report was prepared (Tetra Tech 1998).

In 2001, supplemental RI data gap sampling was conducted at Site 15 to delineate PCBs and lead in soil in the wetland area in support of a removal action and to collect a soil sample for chromium speciation to support the risk assessments (Tetra Tech 2002b). Soil samples collected during previous investigations had been analyzed for total chromium, which does not distinguish between the two common species of chromium, trivalent chromium (Cr III) and the more toxic hexavalent chromium (Cr VI). Hexavalent chromium was not detected in the samples. Soil samples were collected at depths of 0.5 to 2 feet below ground surface (bgs). Based on review of the data, the clean-up objectives agreed to by the BCT were met. As a result, the removal action was not conducted.

In support of this investigation, wetland boundaries were delineated using the routine on-site inspection method outlined in the 1987 U.S. Army Corps of Engineers wetland delineation manual. Wetland boundaries were delineated by visually observing soil, vegetation, and hydrology characteristics along a transect line (Tetra Tech 2001). The study area, which was about 700 feet long and 60 feet wide, was previously part of the Southern Pacific railroad mole that serviced the ferry station during the late 1800s and has since been incorporated into the boundary of Site 15. It is located on the northern edge of Site 15 and is bounded to the south by a fence and the Oakland Inner Harbor to the north. Approximately, 1 acre of wetland was delineated at Site 15 (see Figure 1-3).

An RI report for Sites 14 and 15 was prepared and became final in 2003 (Tetra Tech 2003a). The remaining OU-1 sites, Sites 6, 7, 8, and 16 are addressed in a separate RI report.

PAH sampling was conducted at Site 15 in 2005 ([Battelle 2006](#)). The objective of the investigation was to obtain PAH analytical data for soil that are acceptable for risk assessment because detection limits for historical PAH data were elevated. PAH concentrations in soil, expressed as benzo(a)pyrene [BaP] equivalents, were below 1.0 mg/kg, with the average concentration below the screening level of 0.62 mg/kg.

In October 2005, the Navy distributed a proposed plan for Site 15, which included their recommendation for no further action for soil and no action for groundwater ([Tetra Tech 2005](#)). The proposed plan summarized the history of the site, including the environmental investigations conducted, and notified the community of the public meeting and public comment period.

[Table 2-1](#) summarizes the CERCLA investigation activities at Site 15.

2.2.2 RCRA Investigation Activities

A RCRA facility assessment (RFA) was conducted at Alameda Point in 1992 ([DTSC 1992](#)). Its primary purpose was to identify SWMUs and AOCs and to collect preliminary information on all actual or potential contaminant releases from these SWMUs and AOCs to evaluate the need and scope of a RCRA facility investigation. No RCRA-permitted units or RCRA SWMUs were located within Site 15; therefore, Site 15 is not part of the RCRA program ([International Technology Corporation \[IT\] 2001](#)).

2.2.3 EBS Investigation Activities

As mandated by BRAC, the Navy conducted a series of basewide investigations at Alameda Point, as part of the EBS. The purpose of the investigation was to inventory all Alameda Point property, parcel by parcel, and identify known or suspected hazards associated with historical and recent uses. Phase 1 of the investigation included site visits, employee interviews, and historical research ([Environmental Resources Management \[ERM\]-West 1994](#)). In addition, recommendations for additional investigations (Phase 2A) were prepared and presented. Based on the Phase I investigation, it was recommended that soil sampling be conducted at Site 15 to confirm whether a release or disposal of hazardous substances had occurred ([ERM-West 1994](#)). In conjunction with the Phase 2A investigation, a basewide EBS sewer investigation was conducted ([IT 1994](#)).

Site 15 lies within Zones 3 and 4 and is composed of Parcels 22 and 23B. As part of Phase 2A, soil samples and storm sewer corridor samples were collected during 1995 at Parcel 22. No sampling was conducted in Parcel 23B ([IT 2001](#)). No groundwater samples were collected as part of the EBS. The Navy conducted an investigation of the storm sewers at Site 15 to evaluate their condition because leaking storm sewers can be considered a preferential pathway for contamination. Based on this investigation, it was determined that the storm sewers were in good condition and no groundwater plumes were present at the site ([IT 2001](#)). Based on the frequency of detected and reported concentration of target analytes, no additional investigation was recommended ([IT 2001](#)).

See [Table 2-2](#) for a summary of EBS investigation activities.

TABLE 2-1: SUMMARY OF CERCLA INVESTIGATION ACTIVITIES

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Date	Investigation/Activity	Objective	Summary of Findings
1982	IAS	Identify and assess sites posing a potential threat to human health or to the environment due to contamination from past hazardous materials operations.	Recommended Site 15 for a verification study based on the historical uses of the buildings at the site (NEESA 1983).
1985	Confirmation Study	Verify and characterize sites that were identified for further study in the initial assessment study.	Soil samples were collected at the former transformer storage areas (Wahler Associates 1985), and Site 15 was identified as needing an RI.
1988	Remedial Action Order	Identify sites at Alameda Point needing an RI/FS in accordance with the requirements of CERCLA	Site 15 was identified along with several other sites at Alameda Point as needing an RI/FS. The RIs were conducted in a phased approach across Alameda Point; the initial RI for Site 15, described below, was conducted in Phases 2B and 3.
1991	RI Phases 2B and 3	Collect data to (1) support an HHRA for the site; (2) characterize potential contaminant sources at the site; and (3) assess whether past hazardous waste storage activities had resulted in any release to the environment	SVOCs (PAHs and phthalates), volatile organic compounds, pesticides and PCBs, and metals were detected in soil samples; no analytes were detected in any groundwater samples. Recommendations included (1) performing future quarterly groundwater monitoring and (2) expanding surface soil sampling to determine the aerial extent of PAHs, pesticides, PCBs, and metals (PRC and JMM 1992).
1994	RI Follow-on Investigation	Collect additional chemical, geological, and hydrogeologic data where data gaps existed from previous studies.	SVOCs (PAHs), pesticides, and metals (lead and copper) were detected in soil samples; metals and TPH were detected in groundwater samples. Based on review of the data, all analytes (except for TPH) are similar in nature and extent to those found during previous investigations. As a result, the extent of potential chemicals of interest in soil and groundwater was adequately characterized for the purpose of conducting an RI/FS (PRC and JMM 1996).

TABLE 2-1: SUMMARY OF CERCLA INVESTIGATION ACTIVITIES (Continued)

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Date	Investigation/Activity	Objective	Summary of Findings
1994-1995	Removal Action of PCBs and Lead in Soil	Mitigate the risk to human health and the environment caused by the potential for exposure to soils with elevated concentrations of PCBs and lead and reduce the potential effects of soil contaminants on groundwater.	6,600 cubic yards of PCB- and lead-contaminated soil was removed from the site. PCBs and lead were still detected in soil, but were below interim action levels (Tetra Tech 1998).
2001	Supplemental RI Data Gap Sampling	Delineate boundaries of PCB- and lead-contaminated soils in support of a planned removal action and collect a soil sample for chromium speciation to support a revised risk assessment.	Aroclor-1260 and lead were detected in soil samples; however, concentrations were detected above screening levels in samples from only three locations. Total chromium was also detected in soil samples, but hexavalent chromium was not detected (Tetra Tech 2002b).
2001	Wetlands Delineation	Support the 2001 supplemental RI data gaps sampling associated with the PCB and lead removal action.	A map of the wetland boundaries at Site 15 was produced (Tetra Tech 2001).
2005	PAH Sampling	The objective of the investigation was to obtain PAH analytical data for soil that are acceptable for risk assessment because detection limits for historical PAH data were elevated.	PAH concentrations in soil, expressed as benzo(a)pyrene equivalents, are below 1.0 mg/kg, with the average concentration below the screening level of 0.62 mg/kg (Battelle 2006).

Notes:

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
HHRA	Human health risk assessment
IAS	Initial assessment study
JMM	James M. Montgomery, Consulting Engineers, Inc.
mg/kg	Milligram per kilogram
NEESA	Naval Energy and Environmental Support Activity
PAH	Polynuclear aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PRC	PRC Environmental Management, Inc.
RI	Remedial investigation
RI/FS	Remedial investigation/feasibility study
SVOC	Semivolatile organic compound
Tetra Tech	Tetra Tech EM Inc.

TABLE 2-2: SUMMARY OF EBS INVESTIGATION ACTIVITIES

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Date	Investigation/Activity	Objective	Summary of Findings
1994	EBS Phase I	Inventory all Alameda Point property on a parcel-by-parcel basis and identify known or suspected hazards associated with historical and recent uses of each parcel.	Soil sampling was recommended to confirm if a release or disposal of hazardous substances had occurred (ERM-West 1994).
2001	EBS Phase 2A	Further examine the environmental condition of Alameda Point property.	Soil samples were collected by hand augering and GeoProbe® to evaluate whether any release had occurred. Analytes detected included semivolatile organic compounds, Aroclor-1260, metals, total petroleum hydrocarbons, and oil and grease. Based on the frequency of detected and reported concentrations of target analytes, no additional investigation was recommended (IT 2001).
2001	Sewer Investigation	Evaluate the condition of storm sewers at the site.	Found to be in sound condition. No groundwater plumes were identified at the site. Sewers were not considered a preferential pathway (IT 2001).

Notes:

EBS Environmental baseline survey
 ERM Environmental Resources Management
 IT International Technology Corporation

3.0 COMMUNITY PARTICIPATION

A community relations plan was developed to document interests, issues, and concerns raised by the community in regard to ongoing investigation and cleanup activities at Alameda Point, and to describe a specific community relations program designed to address community issues and concerns ([Tetra Tech 2003c](#)). The initial plan was prepared in February 1989 and revised in 1996, 1998, 2002, and 2003. The revisions incorporated the most recent assessment of community issues, concerns, and informational needs related to the ongoing environmental investigation and remediation program at Alameda Point.

Community relations are developed at an installation-wide level at Alameda Point, using resources to update and involve the community in all of the IR program activities. The community relations program includes specific activities for obtaining community input and keeping the community informed about all of the IR program sites. These activities include conducting interviews, holding public meetings, issuing fact sheets to provide updates on current investigations and remediation activities, maintaining an information repository where the public can access technical documents and program information, disseminating information to the local and regional media, and making presentations to local community groups.

3.1 RESTORATION ADVISORY BOARD

In 1993, individuals from local communities began to play an increasingly significant role in the environmental restoration process with the establishment of the Alameda Point Restoration Advisory Board (RAB). Original membership in the board was solicited by the Navy through newspaper notices, including business and homeowners' representatives, residents, local elected officials, and regulatory agency staff.

The RAB currently consists of members of the Navy, the community, and regulatory agencies. The RAB meetings occur monthly and are open to the public. Meetings are held in the evenings after normal working hours at Building 1, Room 140, at 950 West Mall Square at Alameda Point. RAB members review and comment on technical documents

The Alameda Point RAB often forms focus groups in order to review documents or discuss particular issues in depth. At the May 7, 2002 RAB meeting, the group decided to form a focus group to discuss and comment on the Sites 14 and 15 RI report ([Tetra Tech 2002a](#)). The Navy and regulators reported information about Site 15, including the availability of Site 15 documents, to the RAB members during the monthly RAB meetings.

Copies of the RAB meeting minutes and documents describing environmental investigations and removal actions are available at the following Alameda Point information repositories and administrative record file locations:

Alameda Point
950 West Mall Square
Building 1, Rooms 240 and 241
Alameda, California

Alameda Public Library
2200A Central Avenue
Alameda, California

Administrative Record
Naval Facilities Engineering Command,
Southwest
937 Harbor Drive, FISC Building 1
San Diego, California 92132-5190

RAB meeting minutes also are available Navy BRAC Program Management Office website at:
<http://www.navybracpmo.org>.

3.2 PUBLIC MAILINGS

Public mailings, including information updates, fact sheets, and proposed plans, have been used to ensure an even broader dissemination of information throughout the local community. Information updates announcing the IR program process at Alameda Point have been delivered to residents surrounding Alameda Point and mailed to city, state, and federal officials; agencies; local groups; and individuals identified in the community relations plan since March 1990 ([Tetra Tech 2003c](#)). Updates and fact sheets were mailed to the community to announce significant remediation milestones. These publications have included information concerning the status of environmental investigations, the upcoming remedy selection process, ways the public can participate in the investigation and remediation of Alameda Point, the history and geology of the area, and the availability of the Administrative Record for Alameda Point. The updates, fact sheets, and proposed plans are mailed to approximately 400 households, businesses, public officials, and agencies in an effort to reach as many community members as possible. Updates with information related to Site 15 specifically have been listed in [Table 3-1](#).

In July of 2003, the Navy issued a newsletter to the Alameda community titled “Alameda Point Focus.” The “Alameda Point Focus” gave a description of the CERCLA process and listed information about all of the IR sites. Specifically, the newsletter listed the site name and description for Site 15, the former uses, the environmental remediation accomplishments made to date, and the next steps in the process. The newsletter also provided general information about who to contact for more information and where to access environmental documents ([Tetra Tech 2003b](#)). The July 2003 Alameda Focus was inserted into the Alameda Journal, which is distributed to 24,000 homes in the Alameda area ([Tetra Tech 2003c](#)).

Proposed plans provide an overview of environmental investigation results and remedial alternatives for a site or group of sites. The plan describes each alternative, evaluates each alternative against nine criteria, and identifies the preferred alternative. The proposed plan for Site 15 described the history of Alameda Point and Site 15, summarized previous environmental investigations and results (including ecological risk assessment [ERA] and HHRA results), presented opportunities for public comment, and listed regulatory requirements and how they

have been met ([Tetra Tech 2005](#)). The proposed plan for Site 15 was released to the public on September 28, 2005, for a 30-day public comment period, to provide information and solicit public input on the Navy's recommended action. The proposed plan announced a public meeting and public comment period that allowed community members to discuss the information presented in the proposed plan, ask questions, and submit formal comments. The comments were compiled, reviewed by the BCT, and used to refine the preferred action. The final decisions and responses to comments (known as a "responsiveness summary") are presented in [Attachment D](#).

[Table 3-1](#) summarizes Alameda Point updates, fact sheets, and proposed plans.

3.3 COMMUNITY PARTICIPATION

The RI report for Site 15 was finalized in June 2003, and the proposed plan was released to the public on September 28, 2005. These documents are available to the public at the information repositories maintained at the Alameda Public Library and Alameda Point and at the administrative record file. The information repositories also contain a complete index of the administrative record file, along with information about how to access the complete file at the Naval Facilities Engineering Command, Southwest, San Diego, California.

The 30-day public comment period for Site 15 extended from September 28, 2005 to October 28, 2005. In addition, a public meeting was held on October 19, 2005. A notice of the public comment period and public meeting was published in the Oakland Tribune and Alameda Journal on September 28, 2005.

At the public meeting, the BRAC environmental coordinator and Navy remedial project manager gave presentations on the conditions at Site 15, and representatives from the Navy and environmental regulatory agencies were available to answer questions. A court reporter prepared a transcript of the meeting. Responses to written comments received during the public comment period are included in the responsiveness summary as part of this ROD (see [Attachment D](#)), and the transcript of the meeting is presented in [Attachment C](#).

**TABLE 3-1: SUMMARY OF ALAMEDA POINT FACT SHEETS, NEWSLETTERS,
AND PROPOSED PLANS RELATED TO SITE 15**

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Fact Sheets	Date	Title
1	March 1990	Fact Sheet 1: Remedial Investigation/Feasibility Study Update
2	September 1990	Fact Sheet 2: Remedial Investigation/Feasibility Study Update
3	May 1991	Fact Sheet 3: Remedial Investigation/Feasibility Study Update
4	March 1993	Fact Sheet 4: Installation Restoration Program Update
5	May 1995	Fact Sheet 5: BRAC Cleanup Plan
6	August 1995	Fact Sheet 6: Waterfront Actions
7	June 1996	Fact Sheet 7: History and Geology
8	December 1996	Fact Sheet 8: Waterfront Actions
Newsletters		
--	July 1, 2003	Alameda Point Focus Environmental July 2003 Newsletter
--	March 1, 2004	Newsletter Regarding the Navy's Environmental Activities at Alameda Point
Proposed Plan		
--	September 28, 2005	Proposed Plan for Site 15, Former Transformer Storage Area

4.0 SCOPE AND ROLE OF OPERABLE UNIT OR RESPONSE ACTION

Site 15 was grouped into OU-1 because it is a relatively small site that has relatively low levels of contamination that resulted from petroleum, oil, and lubricant releases. It was historically used to store electrical equipment, transformers, and old machinery ([Tetra Tech 2003a](#)). Site 18 was comprised of the basewide storm sewer system; however, it is now being addressed within the individual CERCLA sites where it is located. Therefore, the storm sewer lines within the Site 15 boundaries were addressed by the RI for Site 15. The RI for Site 15 and this ROD were prepared separately from OU-1 to expedite the closure of this no further action for soil and no action for groundwater site.

5.0 SITE CHARACTERISTICS

This section summarizes information on the geology, hydrogeology, and the chemicals that are present in the soil and groundwater at Site 15. A complete discussion of sampling locations and methodologies, chemicals detected at each site, nature and extent of contamination, fate and transport, and evaluation of human and ecological risks is presented in the RI ([Tetra Tech 2003a](#)).

5.1 GEOLOGY

Alameda Point occupies a depression between two uplifted areas; the Berkeley Hills on the east and the San Bruno and other mountains on the San Francisco Peninsula to the west. The depression and uplifted areas are formed by two subparallel, active faults: the San Andreas and the Hayward Faults. The installation and surrounding San Francisco Bay are underlain by 400 to 500 feet of unconsolidated sediments that overlie the metamorphosed sandstone, siltstone, shale, greywacke, and igneous bedrock, which forms the Franciscan Formation ([Tetra Tech 2003a](#)). The unconsolidated sediments consist of the following five units, from top to bottom: (1) the Bay Mud Formation, (2) the Merritt Sand Formation, (3) the upper unit of the San Antonio Formation, (3) the lower unit of the San Antonio Formation (Yerba Buena Mud), and (4) the Alameda Formation. Surface and near-surface soil at Alameda Point consists of artificial fill emplaced during historical filling of the tidal marshlands and the subtidal area of San Francisco Bay during site development. The fill material consists of sediments that were dredged from the San Francisco Bay and Oakland Inner Harbor and is characterized by sands, clays, and silts dredged from the tidal flats in the region and mixed with material from the Merritt Sand Formation ([Tetra Tech 2003a](#)).

Geologic conditions at Site 15 are inferred to be similar to that of Site 14, located in OU-1 about 1,200 feet to the west along Oakland Inner Harbor ([Tetra Tech 2003a](#)). At both Sites 14 and 15, about 10 feet of artificial fill overlies the Bay Mud Formation, the Holocene estuarine or tidal flat deposits that are the youngest, naturally occurring unit in the vicinity of Alameda Point. The Bay Mud Formation consists of silt and gray to black clay, with laterally discontinuous, poorly graded, silty and clayey sand layers. In the northern portion of Site 14, the Bay Mud Formation is found from about 10 to 40 feet bgs, and the Merritt Sand Formation is present from about 40 to 65 feet bgs. The upper unit of the San Antonio Formation extends to 85 feet bgs, and the Yerba Buena Mud is encountered at 85 feet bgs. In the southern portion of Site 14, the Bay Mud Formation is observed to 70 feet bgs, and an ancient paleochannel has removed the Merritt Sand Formation and Upper San Antonio Formation. The Young Bay Mud sediments that have filled the paleochannel are interbedded silty sands, clayey sands, poorly sorted sands, sandy silts, and sandy clays.

A layer with high organic content, called the “marsh crust,” typically marks the top of the Bay Mud Formation throughout the eastern portion of the installation ([Tetra Tech 2003a](#)). The marsh crust is a layer of contaminated sediment that was formed by the discharge of petroleum waste from two gas plants and an oil refinery. This waste migrated over much of the surface of the surrounding marshlands and was deposited through tidal actions under what would later become the Alameda Annex and the eastern portion of Alameda Point. Further west, at Alameda Point (and Site 15), the waste was deposited on tidal flats now known as the former subtidal area. Fill

material dredged from the Oakland Inner Harbor and surrounding San Francisco Bay was placed on these areas from as early as 1887 to as late as 1975, encapsulating the former subtidal area and marsh crust under the fill.

5.2 HYDROGEOLOGY

There are three hydrogeologic units present in the unconsolidated sediment column beneath Alameda Point. These units have been designated the FWBZ, SWBZ, and the deep aquifer. The FWBZ is encountered in artificial fill and the Bay Sediment Unit. The SWBZ is encountered in the Merritt Sand and Upper San Antonio Formation, and the deep water aquifer is in the Alameda Formation. The Yerba Buena Mud acts as an aquaclude that separates the SWBZ from the deep water aquifer (PRC 1996; Port of Oakland 1998). At Site 15, groundwater in the FWBZ is located within the artificial fill and is encountered between 4 and 6 feet bgs (Tetra Tech 2003a).

Groundwater flow at Alameda Point is highly variable. Seasonal variations are caused from precipitation levels, and diurnal variations are related to tidal cycles. Groundwater flow at Site 15 was observed to be affected by tidal influence during groundwater studies conducted in 1991 (Tetra Tech 2003a). In January 1992, groundwater elevation data collected at Site 15 indicated that groundwater flow was toward the northeast at a gradient of 0.0016. In general, groundwater flows to the north in the direction of the Oakland Inner Harbor.

Groundwater beneath Alameda Point was evaluated for potential beneficial uses in 2000 (Tetra Tech 2000). Guidelines for Groundwater Classification Under the EPA Groundwater Protection Strategy (EPA 1988) are used to classify groundwater as Class I, II, or III. A Class I groundwater is an irreplaceable source of drinking water or is ecologically vital. A Class II groundwater is a current or potential source of drinking water that has other beneficial uses. A Class III groundwater is not a potential source of drinking water and is of limited beneficial use. After consideration of the factors that determine beneficial uses of groundwater and property reuse, the Alameda Point BCT concluded that the groundwater beneath Site 15 is unlikely to be used as a potential drinking water source (Tetra Tech 2003a). The only other possible uses for groundwater below Site 15 would be for watering livestock. Use for crop watering or industrial uses would require costly pretreatment for total dissolved solids (TDS). It is highly unlikely that water below Alameda Point will be used for watering livestock, based on the proposed land uses. In addition, the Water Board has provided the Navy with a letter indicating that the nature and quality of the groundwater in the first and second water-bearing zones beneath Site 15 are such that these waters are not potential sources of drinking water pursuant to State Board Resolution No. 88-63 and Regional Board Resolution 89-39 (Water Board 2003).

5.3 NATURE AND EXTENT OF CONTAMINATION IN SOIL AND GROUNDWATER

Activities associated with known or potential contaminant releases at Site 15 were identified, and environmental investigations were conducted to identify and assess the nature and extent of contaminants in soil and groundwater (see Section 2.2). Building 27, former Buildings 283, 301, and 389, railroad spurs, and storm sewers were all evaluated to assess the extent of chemicals in soil and groundwater (Tetra Tech 2003a).

The chemicals detected in soil include PCBs, SVOCs, PAHs, and metals (see [Table 5-1](#)). Elevated concentrations of a PCB (Aroclor-1260) and lead were identified in soil across Site 15; former Buildings 283, 301, and 389 and open space surrounding them were identified as the source of contaminants ([Tetra Tech 2003a](#)). Buildings 283, 301, and 389 were used to store electrical equipment, oil-filled transformers, and unused machinery, and transformers also were stored on the bare ground in the areas around the buildings.

A CERCLA removal action for PCBs and lead in soil was conducted in 1994 and continued through 1998 based on cleanup levels of 1.0 and 130 mg/kg for PCBs and lead, respectively. The removal action objectives were to (1) mitigate the risk to human health and the environment caused by the potential for exposure to soils with elevated PCB and lead levels, and (2) reduce the potential impacts of soil contaminants on groundwater. As a part of the removal action, 6,600 cubic yards of soil was removed and the area was backfilled with clean soil. A total of 170 confirmation samples were collected during the removal action at Site 15, and PCB, lead, pesticide, SVOC, and metals analyses were conducted on selected samples. These sample results indicated that the clean-up objectives agreed to by the BCT were met. Analytical results for the backfill material (sampled in June and July 1995) associated with the Site 15 removal action did not yield any detections except for metals (see [Table 5-2](#)).

An additional removal action was planned for the site because sample results indicated that elevated concentrations of PCBs and lead may remain in soil in the wetland area of the site. Subsequent to the removal action and in support of an additional removal action, soil samples were collected from the wetland portion of the site and analyzed for PCBs and lead. Sampling locations were staggered on two east-west lines and sampled at 0.5 and 2 feet bgs to fully delineate the PCB contamination. An additional eight confirmation samples were collected at depths of 0.5 and 1 foot bgs from four of the original RI sampling locations with the highest detected Aroclor-1260 concentrations ([Tetra Tech 2003a](#)). Because this additional data confirmed that the clean-up objectives agreed to by the BCT were met, the additional removal action was not conducted.

In addition to PCBs, PAHs were identified in soil ([Tetra Tech 2003a](#)). A PAH investigation was conducted in 2005, to obtain PAH analytical data for soil that are acceptable for risk assessment because detection limits for historical PAH data were elevated. Based on these data, PAH concentrations in soil, expressed as B(a)P equivalents, are below 1.0 mg/kg with the average concentration below the screening level of 0.62 mg/kg. The Navy and the agencies established the screening criterion of 0.62 mg/kg, which is the midpoint of the risk management range, for PAHs in soil at Alameda Point during a meeting in May 2001 ([Navy 2001](#)). PAHs are possibly associated with the fill material from the San Francisco Bay used to create the installation or a railroad that was present before the site became a naval air station. They were not associated with Navy activities conducted at Site 15.

Based on the environmental investigations conducted, chemicals detected in groundwater include metals and one VOC (see [Table 5-3](#)). The results of the investigations indicated that no groundwater plumes are present in Site 15, and the storm sewers are in sound condition, are not considered a source of contaminants, and do not provide a potential preferential pathway for contaminant migration ([Tetra Tech 2003a](#)).

TABLE 5-1: CHEMICALS REPORTED IN SOIL POST REMOVAL ACTION¹

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Analyte	Frequency of Detections	Range of Concentrations	Detection Limit	Background ³ (yes/no)
Polychlorinated Biphenyls (µg/kg)				
4,4'-DDD	4%	5.1 to 150	3.4 to 190	NA
4,4'-DDT	6%	2.2 to 380	3.4 to 190	NA
Alpha-chlordane	1%	7.7 to 7.7	1.7 to 98	NA
Gamma-chlordane	1%	7.6 to 7.6	1.7 to 98	NA
Aroclor-1260 ²	56%	7.4 to 2,700	34 to 610	NA
Endrin	1%	3.9 to 3.9	3.35 to 190	NA
Endrin aldehyde	2%	9.5 to 19	3.4 to 190	NA
Semi-Volatile Organic Compounds (µg/kg)				
2-Methylnaphthalene	2%	57 to 57	100 to 2,000	NA
Acenaphthylene	12%	36 to 220	80 to 2,000	NA
Carbazole	14%	44 to 370	340 to 2,000	NA
Dibenzofuran	2%	250 to 250	120 to 2,000	NA
Fluoranthene	35%	19 to 7,200	85 to 2,000	NA
Fluorene	9%	28 to 260	80 to 2,000	NA
Pentachlorophenol	2%	420 to 420	500 to 4,900	NA
Phenanthrene	20%	33 to 3,200	85 to 2,000	NA
Pyrene	42%	18 to 4,300	85 to 2,000	NA
Polynuclear Aromatic Hydrocarbons (µg/kg)				
Benzo(a)pyrene equivalent ⁴		9 to 752	NA	NA
Metals (mg/kg)				
Aluminum	100%	2,380 to 14,100	--	yes
Antimony	25%	0.71 to 6	0.43 to 6.9	yes
Arsenic	82%	1.2 to 19.8	0.63 to 2.3	yes
Barium	100%	13.2 to 290	--	no
Beryllium	29%	0.15 to 0.912	0.1 to 0.42	yes
Cadmium	24%	0.06 to 1.9	0.04 to 2	yes
Calcium	100%	94.4 to 32,900	--	yes
Chromium	100%	17 to 128	--	no
Cobalt	64%	3.25 to 10.9	0.91 to 5.4	yes
Copper	73%	2.89 to 24.9	3.2 to 16.5	no
Iron	100%	5,050 to 24,200	--	yes
Lead ²	99%	1.5 to 954	0.98 to 0.98	no
Magnesium	100%	1,200 to 7,000	--	yes
Manganese	100%	39.5 to 282	--	yes
Mercury	23%	0.058 to 1.7	0.048 to 0.23	yes
Nickel	100%	13 to 52.5	--	no
Potassium	65%	451 to 2,400	359 to 999	yes
Selenium	5%	0.76 to 1.2	0.206 to 1.9	yes
Silver	9%	0.307 to 1.01	0.082 to 1.4	yes
Sodium	84%	56.9 to 16,300	79 to 117	yes
Thallium	13%	6.1 to 10.1	0.265 to 1.4	no
Vanadium	100%	13.5 to 45.4	--	yes
Zinc	100%	10.2 to 399	--	no

TABLE 5-1: CHEMICALS REPORTED IN SOIL POST REMOVAL ACTION (Continued)

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Notes:

- 1 Does not include data from quality control samples.
- 2 Subsequent sampling to delineate the contamination showed that soil concentrations are below action levels.
- 3 A "yes" indicates the metal in soil at the site is attributed to background.
- 4 Based on 2005 data.

µg/kg microgram per kilogram
DDD Dichlorodiphenyldichloroethane
DDT Dichlorodiphenyltrichloroethane
mg/kg milligram per kilogram
NA Not applicable
-- Not available

TABLE 5-2: METALS IN SITE 15 BACKFILL MATERIAL

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Metal	Concentration (mg/kg)	Detection Limit (mg/kg)
Arsenic	3.1	0.26
Barium	10.0	0.52
Beryllium	0.19	0.10
Cadmium	0.45	0.052
Chromium (total)	25.0	0.52
Cobalt	5.0	1.0
Copper	3.9	0.52
Lead	4.0	0.16
Nickel	24.0	1.0
Vanadium	16.0	0.52
Zinc	15.0	1.0

Note:

mg/kg milligram per kilogram

TABLE 5-3: CHEMICALS REPORTED IN GROUNDWATER

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Analyte	Frequency of Detections	Range of Concentrations ¹		Detection Limit		Background ² (yes/no)
Dissolved Metals (µg/L)						
Antimony	20%	12.6	to 25.5	2.2	to 25.1	yes
Arsenic	20%	3.3	to 3.5	3.4	to 13	yes
Barium	100%	71.8	to 390	--		yes
Beryllium	14%	5.9	to 5.9	0.8	to 4.4	yes
Cadmium	14%	3	to 3	0.3	to 0.8	yes
Calcium	100%	46,700	to 1,180,000	--		yes
Chromium	43%	8.5	to 36.4	0.8	to 1.6	yes
Cobalt	14%	78.8	to 78.8	5.6	to 26.4	yes
Copper	29%	38.8	to 44.5	4.1	to 10.6	yes
Iron	100%	8.2	to 4,150	--		yes
Lead	10%	1.7	to 1.7	1	to 6	yes
Magnesium	100%	19,000	to 2,240,000	--		yes
Manganese	100%	11.1	to 23,500	--		yes
Nickel	10%	95.6	to 95.6	9.3	to 65.2	yes
Potassium	100%	22,600	to 244,000	--		yes
Selenium	10%	9.6	to 9.6	2.1	to 13.5	yes
Sodium	100%	136,000	to 13,200,000	--		yes
Vanadium	20%	4.7	to 12	4.2	to 27.2	yes
Zinc	50%	4.8	to 210	2.3	to 16	yes
Volatile Organic Compounds (µg/L)						
Carbon Disulfide	15%	3	to 12	1	to 1	yes

Notes:

- 1 Concentrations in groundwater are based on direct push and monitoring well data. Although Site 15 is not considered a source of drinking water, concentrations of background metals detected in groundwater monitoring wells at the site are below maximum contaminant limits (with the exception of sporadic, slight exceedances). Based on the risk assessment, incremental site risk (excluding background metals) is below 10^{-6} ; therefore, no action is appropriate for groundwater.

- 2 A "yes" indicates the metal in soil at the site is attributed to background.

µg/L microgram per liter
 NA Not applicable
 -- Not available

6.0 CURRENT AND POTENTIAL FUTURE SITE AND RESOURCE USES

This section discusses (1) current and reasonably anticipated future land uses and (2) current and potential groundwater and surface water uses. This information was incorporated into the development of exposure scenarios for the HHRA.

6.1 LAND USES

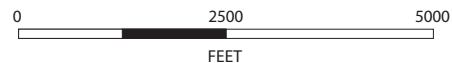
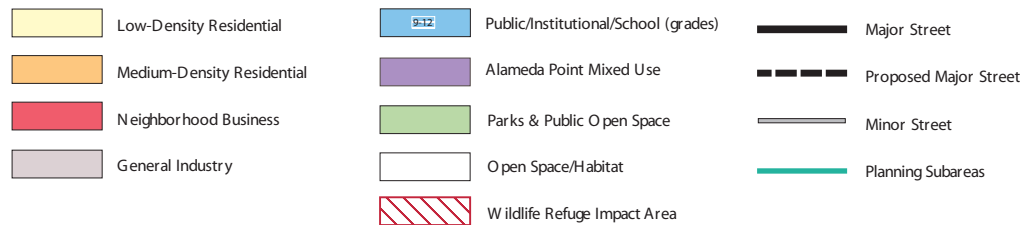
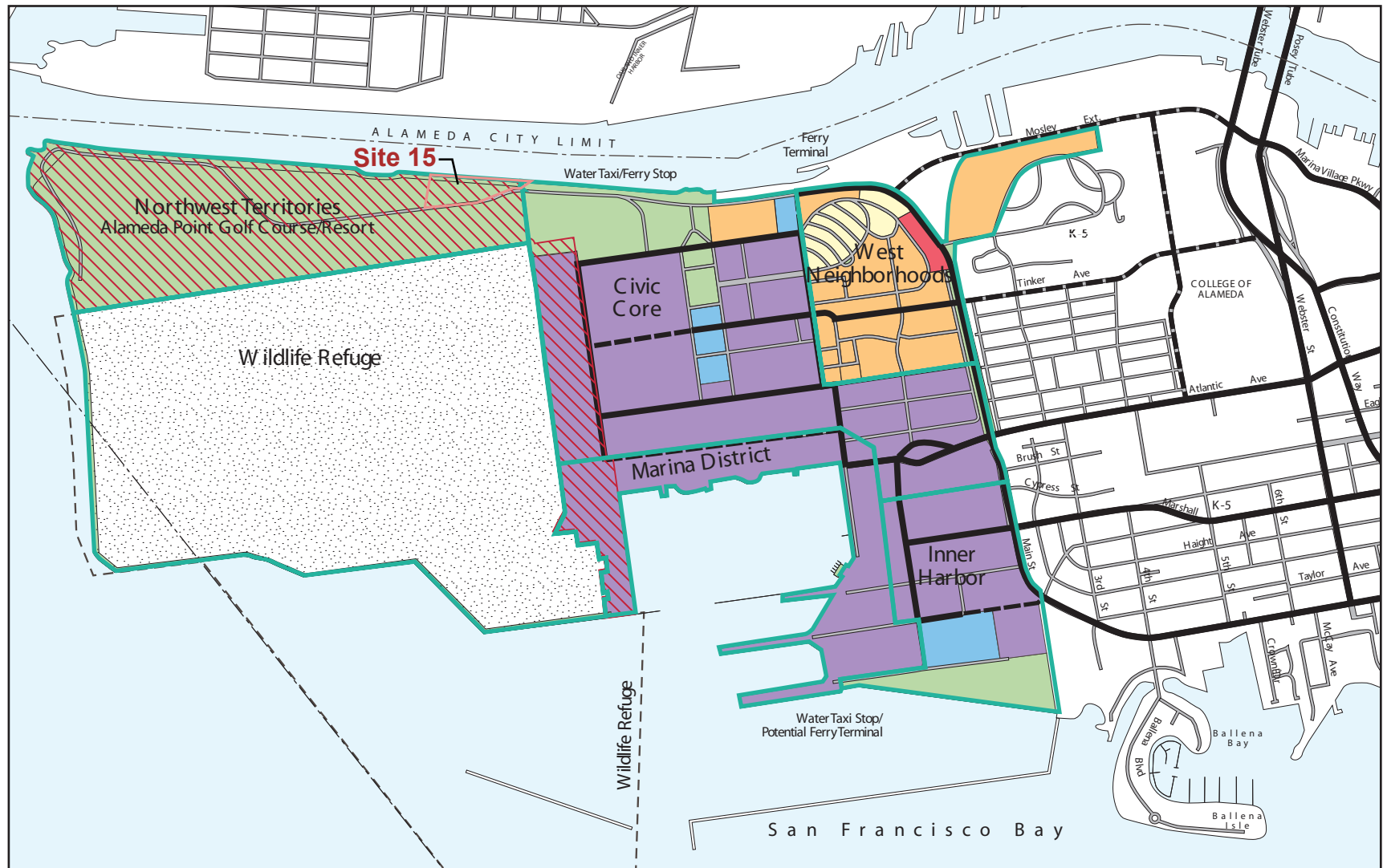
Currently, Site 15 is an IR site at Alameda Point, which is under the jurisdiction of the Navy. Site 15 consists of six unpaved acres, one building (Building 27), and approximately 1 acre of wetland. Eventually, Site 15 will be transferred to a non-Federal entity.

Site 15 is located in the Northwest Territories (see [Figure 6-1](#) and [Table 6-1](#)), which is located on the northwestern tip of Alameda Point. According to the Alameda Point general plan amendment ([City of Alameda 2002](#)), potential redevelopment of the Northwest Territories includes parks, public open space, a regional park, a golf course, and a trail system. The reasonably anticipated future land use for Site 15 is recreational, possibly a golf course.

6.2 GROUNDWATER USES

After consideration of the factors that determine beneficial uses of groundwater and property reuse, the Alameda Point BCT concluded that the groundwater beneath Site 15 is unlikely to be used as a potential drinking water source ([Tetra Tech 2003a](#)). The only other possible uses for groundwater below Site 15 would be for watering livestock. Use for crop watering or industrial uses would require costly pretreatment for TDS. It is highly unlikely that water below Alameda Point will be used for watering livestock, based on the proposed land uses. In addition, the Water Board has provided the Navy with a letter indicating that the quality and nature of groundwater in the first and second water bearing zones beneath Alameda Point west of Saratoga Street are such that these waters are not potential sources of drinking water pursuant to State Board Resolution number 88-63 and Regional Board Resolution 89-39 ([Water Board 2003](#)).

Site 15 does not have naturally occurring surface streams or ponds; however, it is bounded to the north by the Oakland Inner Harbor. Site 15 has approximately 1 acre of wetland located on the northern portion of the site between the north fence line of the site and extends to the riprap wall adjacent to Oakland Inner Harbor. The wetland provides minimal habitat to support plant and invertebrate populations and is tidally inundated at such a frequency as to not provide suitable habitat for small mammals ([Tetra Tech 2003a](#)).



Alameda Point, Alameda, CA

U.S. Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 6-1
ALAMEDA POINT REUSE MAP
Operable Unit 1 Site 15
Record of Decision, Alameda Point

TABLE 6-1: CURRENT AND PROPOSED LAND USES

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Site	Current Land Uses or Land Use Prior to Closure	Proposed Future Land Use	Reuse Parcel No.
15	Vacant	Recreational area or golf course	PBC-1B and EDC 16

Notes:

PBC Public benefit conveyance
EDC Economic development conveyance

7.0 SUMMARY OF SITE RISKS

As part of the RI, a HHRA and an ERA were conducted for Site 15 using data collected during the RI, EBS, and removal action. The objective of the risk assessments was to estimate the risks to human and ecological receptors from exposure to chemicals in soil and groundwater at the site. The HHRA was performed as a baseline risk assessment, and the ERA was performed as a modified screening-level risk assessment. Detailed results of the Site 15 risk assessments are presented in the “Final Remedial Investigation Report Sites 14 and 15, Alameda Point” ([Tetra Tech 2003a](#)).

The HHRA for Site 15 identified chemicals of potential concern (COPCs) in soil and groundwater, evaluated exposure scenarios based on possible future land uses, assessed toxicity, and calculated cancer and noncancer health risks based on conservative assumptions. Calculated risks were then compared with federally established risk ranges. Details of the HHRA methodology and the fate and transport analyses are provided in Section 3.4.2.1 and Appendix G of the RI report for Sites 14 and 15 ([Tetra Tech 2003a](#)).

The ERA conducted for Site 15 identified the chemicals of potential ecological concern (COPECs) in soil and groundwater, evaluated exposure scenarios based on possible future land uses, assessed toxicity, and characterized potential risks to plants and animals by calculating risks from background metals and installation activities based on conservative assumptions. Calculated risks were then compared with reference values. Details of the ERA methodology and the fate and transport analyses are provided in Section 3.4.2.2 and Appendix H of the RI report for Sites 14 and 15 ([Tetra Tech 2003a](#)).

[Section 7.1](#) discusses the approach used for the HHRA, including the identification of contaminants, the assumptions used in the various exposure scenarios, the estimation of doses, and the method used to characterize risk, and the results. [Section 7.2](#) discusses the approach and results used for the ERA.

7.1 BASELINE HHRA APPROACH

The baseline HHRA approach and the results are discussed below.

7.1.1 Identification of Chemicals of Potential Concern

The methodology used to identify COPCs and evaluate risk is consistent with the EPA’s “Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual, Part A, Interim Final” ([EPA 1989](#)) and agreements made during meetings with EPA and DTSC ([Tetra Tech 2003a](#)). DTSC, Water Board, and EPA Region 9 regional policy positions also were incorporated into the risk assessments.

The site boundaries were used to define the soil exposure area ([Tetra Tech 2003a](#)). Soil data for each site were aggregated in depth intervals of 0 to 2 and 0 to 10 feet bgs for residential

receptors, 0 to 2 feet bgs for recreational and occupational receptors, and 0 to 10 feet bgs for construction workers. Groundwater data were aggregated by plume. In general, the data were collected and analyzed in accordance with the EPA's Contract Laboratory Program procedures, and detection limits (sample quantitation limits) were sufficiently low to permit identification of potential health risks. Data were validated with respect to laboratory blanks, quality control samples, and qualifiers by independent validators. Field data and screening level data were not used in this HHRA.

7.1.2 Exposure Assessment

An exposure assessment identifies the populations at potential risk and the mechanisms by which members of those populations could be exposed to the COPCs in each medium. It is also a process by which the chemical concentrations at the point of exposure and the chemical doses are calculated.

Reuse of Site 15 is expected to be recreational and occupational. In addition to evaluating recreational and occupational exposure scenarios, the HHRA for Site 15 also evaluated residential and construction worker exposure scenarios ([Tetra Tech 2003a](#)) (see [Table 7-1](#)). The residential scenario is considered to be the most conservative and the least likely scenario at the site. The exposure assumptions for each of these scenarios are summarized below.

7.1.2.1 Residential Scenario

COPCs in soil from 0 to 10 feet bgs were treated as being available to the resident ([Tetra Tech 2003a](#)). This is because soil could be excavated to 10 feet for basement and swimming pool construction and some soil from the subsurface may be left on the surface. Water used in the home is assumed to come from a private well that draws water from the shallow aquifer beneath the site, even though it is unlikely that anyone would install a private well to obtain water for home use (due to the high TDS content, the low yield, and the availability of municipal drinking water). The Alameda Point BCT concluded that the groundwater beneath Site 15 is unlikely to be used as a potential drinking water source. Consequently the groundwater is not reasonably expected to serve as a public drinking water supply.

Potential exposure pathways for soil include incidental ingestion of soil, dermal contact with soil, inhalation of particulates from soil, inhalation of VOCs in ambient and indoor air, and ingestion of homegrown produce ([Tetra Tech 2003a](#)). Potential exposure pathways for domestic use of groundwater include ingestion of groundwater, dermal contact with groundwater, and inhalation of vapors while bathing. The residential receptor was assumed to live on the site for 30 years and age adjusted averaging was used for ingestion rates, inhalation rates, and dermal exposure to account for differences in children and adults.

7.1.2.2 Occupational Scenario

If a site is redeveloped for commercial business, the individuals most likely exposed would be owners and employees of the businesses. An occupational scenario was chosen to represent business owners and employees ([Tetra Tech 2003a](#)). Under the occupational scenario, COPCs in the upper 2 feet of soil are considered to be available. Potential exposure pathways include incidental soil ingestion, dermal contact with soil, inhalation of particulates from soil, and inhalation of VOCs in ambient and indoor air. Groundwater pathways are considered incomplete for the occupational scenario. The occupational receptor was assumed to use the site for 25 years with 2 weeks off per year.

7.1.2.3 Recreational Scenario

Activity patterns for recreational receptors were based on site-specific information and the assumption that recreational activities are those related to a community park. A community park is assumed to be used more frequently by the same people than a regional or national park, given its proximity to homes and offices. Recreational activities may consist of jogging, walking, and picnicking.

Under the recreational scenario, COPCs in the upper 2 feet of soil are considered to be available ([Tetra Tech 2003a](#)). Potential exposure pathways include incidental soil ingestion, dermal contact with soil, inhalation of particulates from soil, and inhalation of VOCs in ambient air. Groundwater pathways are considered incomplete for the recreational scenario. The recreational receptor was assumed to use the site for 2.5 hours per day for 30 years, and age adjusted averaging was used for ingestion rates, inhalation rates, and dermal exposure to account for differences in children and adults.

7.1.2.4 Construction Worker Scenario

Under the construction worker scenario, COPCs in soil from 0 to 10 feet bgs are treated as being available to an adult worker ([Tetra Tech 2003a](#)). Potential exposure pathways include incidental soil ingestion, dermal contact with soil, inhalation of particulates from soil, inhalation of vapors in ambient air. Groundwater pathways are considered incomplete for the construction worker. Although construction workers may have transient dermal contact with groundwater, this exposure was considered insignificant due to the very short duration and limited extent expected. The construction worker was assumed to use the site for 8 hours per day for 100 days.

7.1.3 Toxicity Assessment

The toxicity assessment focuses on the toxicity of COPCs. Qualitative and quantitative toxicity values and EPA- and DTSC-derived toxicity values were gathered for all Site 15 COPCs ([Tetra Tech 2003a](#)). Detailed toxicity profiles were also prepared. Sources of toxicity values include Integrated Risk Information System (IRIS) ([EPA 2002](#)); Health Effects Assessment Summary Tables (HEAST) ([EPA 1997a](#)); Superfund Technical Support Center (STSC), EPA Region 9

preliminary remediation goals (EPA 2000); and California Environmental Protection Agency Office of Environmental Health Hazard Assessment (OEHHA) (OEHHA 2002). Toxicity equivalency factors for dioxins and PAHs from EPA and DTSC were used to adjust toxicity values for those chemicals relative to 2,3,7,8-tetrachlorodibenzodioxin and B(a)P, respectively.

IRIS is a computerized EPA database containing verified toxicity values and up-to-date human health toxicological and EPA regulatory information for most commonly used chemicals. HEAST is a source of nonverified provisional toxicity information that was used when toxicity information was not available from IRIS. STSC, a division of the National Center for Environmental Assessment (a department of EPA's Environmental Criteria and Assessment Office) provides provisional toxicity information on a chemical-specific basis for chemicals not listed in either IRIS or HEAST. Per EPA guidance (EPA 1989), STSC was contacted for information on any chemical lacking a toxicity value from IRIS or HEAST. Carcinogenic and noncarcinogenic toxicity values for some chemicals are available from OEHHA. These values are sometimes identical to EPA values, as indicated in the toxicity tables. OEHHA toxicity values were only used in risk calculation based on DTSC assumptions.

7.1.4 Risk Characterization

The final step in the HHRA is the characterization of the potential risks associated with exposure to detected chemicals. Risk characterization combines the exposure and toxicity assessments to produce quantitative estimates of risk from COPCs. Chemicals might present noncancer health effects in addition to cancer risks; therefore, the potential for both types of effects are evaluated. Noncancer health hazards and cancer risks are characterized separately.

It is important to note that the noncancer hazard index (HI) is estimated differently than lifetime cancer risk. Noncancer effects manifest over a specific time period, and once the exposure period is over, the hazard has also passed (that is, no latency is assumed). A HI of 1 or less is set as protective of non-cancer health hazards.

Excess lifetime cancer risks are probabilities generally expressed in scientific notation (for example, 1×10^{-6} or $1 \text{E-}6$). An excess lifetime cancer risk of 1×10^{-6} indicates that, as a plausible upper bound, an individual has a one in a million probability of developing cancer as a result of site-related exposure to a carcinogen over a 70-year lifetime under the specific exposure conditions at a site. To assist with the characterization of cancer risks, a federally established risk management range was developed to protect human health and help risk managers determine whether site risks are significant enough to warrant cleanup. Guidelines for managing cancer risks are promulgated in the NCP (Title 40 *Code of Federal Regulations* 300.430[e][2][i][A][2]). According to these regulations, when the cumulative excess cancer risk (incremental risk) is above 10^{-4} action is generally warranted, and when excess cancer risks are within the risk management range from 10^{-6} to 10^{-4} , site-specific factors are considered when making decisions about whether action is required.

The HHRA results for soil and groundwater are presented in [Table 7-2](#). Total cancer risks to recreational, occupational, and construction workers at Site 15, which include risk from background metals, are at the lower end of the risk management range, and the noncancer HIs are less than 1. Cancer risk to a resident at Site 15 is slightly above the risk management range and the noncancer HI is above 1; however, this exceedance of the risk management range is attributed to background metals. The incremental risk is below a cancer risk of 10^{-6} and the noncancer HI is less than 1.

[Section 7.1.4.1](#) discusses how contaminants that drive the risk at the site were determined, and [Section 7.1.4.2](#) discusses risk due to background concentrations of metals.

7.1.4.1 Risk Drivers

Cancer and noncancer risk drivers were identified for Site 15. A risk driver is defined as a COPC that has one or more of the following characteristics:

- An individual cancer risk estimate exceeding 1×10^{-6}
- A cancer risk estimate that is less than 1×10^{-6} but that, when combined with other COPCs with cancer risk estimates less than 1×10^{-6} , causes the sum of the cancer risk estimates to exceed 1×10^{-6}
- An HI greater than 1
- An HI that is less than 1 but that, when combined with COPCs with the same mechanisms of toxic action and HIs also less than 1, causes the sum of the HIs to be greater than 1

Carcinogenic risk drivers for the residential scenario include arsenic and PAHs (B[a]P and dibenzo[a,h]anthracene) in soil and arsenic in groundwater ([Tetra Tech 2003a](#)). Noncancer risk drivers for the residential scenario include aluminum, arsenic, and manganese in soil, and arsenic, barium, and manganese in groundwater. Aluminum, arsenic and manganese in soil and arsenic, barium and manganese in groundwater were attributed to background.

PAHs are possibly associated with the fill material from the San Francisco Bay used to create the installation or to build a railroad track that was present before the site became a naval air station ([Tetra Tech 2003a](#)). They were not associated with Navy activities at Site 15.

7.1.4.2 Incremental Risk

Metals are natural components of the earth's crust. Some of the metals are carcinogenic and some are systemic toxicants that have noncancer health effects, such as arsenic, which can pose both cancer and noncancer risks. Metals can present risks at naturally occurring (background) concentrations. Human-caused releases of the metals that are already common in the

environment do not create a new exposure risk; however, they could increase the existing exposure risk. This increased risk is called “incremental risk.” The incremental risk for a site is estimated by subtracting the risk from background metals from the total site risk.

Data sets of background metal concentrations were compiled for soil and groundwater at Alameda Point and were compared to the data sets that were compiled to represent metal concentrations in soil and groundwater at Site 15 (Tetra Tech 2003a). This comparison, along with additional evaluations, was used to determine which metals in soil and groundwater were detected at concentrations greater than background. The following metals in soil were not attributed to background: barium, chromium, copper, lead, nickel, thallium, and zinc. All metals in groundwater were attributed to background.

The total risks presented in Table 7-2 include risk from background metals. The risk from background metals to a resident is also presented in Table 7-2; this background risk is **virtually** equivalent to the total site risk. Based on the low levels of incremental contamination, when risk to background metals is removed, no further remedial action for soil and no action for groundwater is necessary at Site 15 to protect human health. In addition, the following conditions that also support no action are present for soil and groundwater at Site 15:

- Risk from soil alone, including background metals, is within the risk management range, and the noncancer HI is below 1.
- The average concentration of aluminum in soil at the site is 5,683 mg/kg, compared to the residential preliminary remediation goal (PRG) of 76,000 mg/kg (EPA 2004).
- The average concentration of arsenic in soil at the site is 4.7 mg/kg, which is at the lower end of the range of concentrations typically seen in the San Francisco Bay Area (Navy 2002).
- The average concentration of manganese in soil at the site is 132 mg/kg, compared to the residential PRG of 1,800 mg/kg (EPA 2004).
- Arsenic in groundwater was only detected in two out of 10 samples, and the average concentration at the site is 3.4 micrograms per liter (µg/L).
- The average concentration of barium in groundwater at the site is 209 µg/L, compared to the PRG of 2,600 µg/L (EPA 2004).
- Based on monitoring well data collected near the Oakland Inner Harbor, the maximum concentration of manganese is 1,300 µg/L, and these concentrations are attributed to seawater intrusion.

7.2 SCREENING-LEVEL ERA APPROACH

Because of the limited habitat, site-specific ecological sampling to support a baseline ERA is not feasible. Also, future land use would not result in additional habitat, and it is unlikely that

ecological receptors would use the site in any significant manner. Therefore, a modified screening-level ERA was conducted. This ERA methodology is consistent with EPA guidance for screening-level and baseline ERAs and with Navy guidance for ERAs ([EPA 1997b](#); [Navy 1999](#)). The modified screening-level ERA approach and results are discussed below.

The modified screening-level ERA is intended to be a conservative estimate, using more realistic exposure parameters for the ecological endpoints defined than would typically be used for a screening-level ERA. The methodology used is consistent with EPA guidance for screening-level and baseline risk assessment, as well as Navy ERA guidance ([EPA 1997b](#); [Navy 1999](#)). Neither pesticides nor PCBs were detected in groundwater at Site 15, and carbon disulfide was the only VOC with a detection frequency greater than 10 percent (15 percent). Therefore, Site 15 groundwater was not evaluated in the ERA. Using a fully exposed soil scenario, the following complete terrestrial exposure pathways for Site 15 were evaluated:

- Direct exposure to soil
- Food chain exposure

Unlike the HHRA, which evaluates only one species, the ERA involves multiple species with different degrees of exposure and toxicological responses. The ERA identified the following assessment endpoints:

- Sufficient rates of survival, growth, and reproduction to sustain small mammal populations typical to the area
- Sufficient rates of survival, growth, and reproduction to sustain passerine populations typical to the area
- Sufficient rates of survival, growth, and reproduction to sustain raptor populations typical to the area
- Sufficient rates of survival, growth, and reproduction to sustain marine populations typical to the area

Because assessment endpoints are usually not amenable to direct measurement, the following measurement endpoints were developed:

- Reproductive or physiological impacts to the California ground squirrel (*Citellus beecheyi*), as indicated by hazard quotients (HQ) developed based on both high (lowest observed adverse effect level [LOAEL]-based) and low (no observed adverse effects level [NOAEL]-based) toxicity reference values (TRV)
- Reproductive or physiological impacts to the Alameda song sparrow (*Melospiza melodia pusillula*), as indicated by HQs developed based on both high (LOAEL-based) and low (NOAEL-based) TRVs

- Reproductive or physiological impacts to the red-tailed hawk (*Buteo jamaicensis*), as indicated by HQs developed based on both high (LOAEL-based) and low (NOAEL-based) TRVs

The ERA for soil at Site 15, with all factors considered, indicates low to no significant risk to ecological endpoints present at the site. This assessment is based on such factors as background concentrations at Alameda Point, absorption potential of the constituent, and frequency of detection and concentration detected at Site 15. Based on the ERA, no further action for soil and groundwater at Site 15 is necessary to protect the environment.

TABLE 7-1: EXPOSURE SCENARIOS FOR THE HHRA

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Site	Exposure Setting			Construction Worker	Proposed Future Land Use
	Residential	Occupational	Recreational		
	X	X	X	X	Recreational and occupational

Note:

HHRA Human health risk assessment

TABLE 7-2: SUMMARY OF SITE 15 HUMAN HEALTH RISK ASSESSMENT RESULTS

Operable Unit 1 Site 15 Record of Decision, Alameda Point, Alameda, California

Exposure Scenarios		Cancer	Noncancer HI
Surface Soil (0 to 2 feet bgs) and Groundwater			
Residential	Total, including background ¹	2×10^{-4}	2
	Background	2×10^{-4}	2
	Incremental ²	Less than 10^{-6}	Less than 1
Occupational	Total, including background	7×10^{-6}	0.1
Recreational	Total, including background	6×10^{-6}	0.04
Subsurface Soil (0 to 10 feet bgs) and Groundwater			
Residential	Total, including background ¹	1×10^{-4}	2
	Background	1×10^{-4}	2
	Incremental ²	Less than 10^{-6}	Less than 1
Construction Worker	Total, including background	3×10^{-7}	0.2

Notes:

1 Risk from soil is within the risk management range and the noncancer HI is below 1.

2 Remediation is generally warranted when the cumulative excess cancer risk (incremental risk) exceeds 10^{-4}

bgs Below ground surface

HI Hazard index

8.0 DESCRIPTION OF NO FURTHER ACTION ALTERNATIVE

The Navy has determined that Site 15 does not pose an unacceptable risk to human health or the environment based on the results of the EBS, RI, removal action field investigations, and HHRA and ERA. Accordingly, no further remedial action for soil and no action for groundwater are appropriate for Site 15. The Navy's selection of no further action for soil and no action for groundwater reflects the determination that site-specific releases do not represent a threat to human health or to the environment.

9.0 DOCUMENTATION OF SIGNIFICANT CHANGES

The proposed plan for Site 15 was released for public comment in October 2005 ([Tetra Tech 2005](#)). The proposed plan identified no further action for soil and no action for groundwater as the appropriate response for the site. The Navy has reviewed all written and oral comments submitted during the public comment period and determined that no significant changes to the selected remedial action of no further action for soil and no action for groundwater were necessary or appropriate.

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ATTACHMENT A
ADMINISTRATIVE RECORD INDEX

ALAMEDA POINT NAS

DRAFT ADMINISTRATIVE RECORD FILE INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

SITE 15 AND OPERABLE UNIT 1

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000194	11-24-1999	WA	DRAFT CONFIRMATION STUDY - ADDITIONAL TESTING BUILDINGS 301 AND 389	ADMIN RECORD		015	FRC - LAGUNA NIGEL
RPT	NONE						181-03-0179
NONE	00.0						10 OF 46
00000							41074200
N00236 / 000643	06-13-2003	TETRA TECH EM INC.	MEETING MINUTES FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY 02 FEBRUARY 1993 MEETING	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10075	02-02-1993			INFO		002	NIGEL
MM	DO 0021			REPOSITORY		003	181-03-0188
N68711-00-D-0005		NAVFAC - SOUTHWEST DIVISION				007A	14 OF 17
00008						015	RF5258
						018	
						PHASE 1	
						PHASE 2A	
						PHASE 2B	
						PHASE 3	
						PHASE 5	
						PHASE 6	
N00236 / 000644	06-13-2003	TETRA TECH EM INC.	MONTHLY PROGRESS REVIEW COMMITTEE MEETING MINUTES FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY 19 FEBRUARY 1993 MEETING	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10075	02-19-1993			INFO		002	NIGEL
MM	DO 0021			REPOSITORY		007A	181-03-0188
N68711-00-D-0005		NAVFAC - SOUTHWEST DIVISION				015	14 OF 17
00009							RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000647 TC.A021.10075 MM N68711-00-D-0005 00005	06-13-2003 05-12-1993 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	MONTHLY PROGRESS REVIEW MEETING MINUTES FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY 12 MAY 1993 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	007A 015 PHASE 2A PHASE 2B PHASE 3 PHASE 5 PHASE 6	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
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N00236 / 000860 RPT NONE 00000	11-24-1999 12-02-1993 NONE 00.0	PRC	DRAFT RI/FS INTERIM REMEDIAL ACTION (IRA) SITE 15 BUILDINGS 301 AND 389 TRANSFORMER STORAGE AREA FIELD INVESTIGATION WORK PLAN (WP)	INFO REPOSITORY	FS IRA RI WP	015	FRC - LAGUNA NIGEL 181-03-0179 27 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
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LTR NONE 00000	NONE 00.0						
N00236 / 000895	11-24-1999 12-14-1993	CA DEPT OF FISH & GAME	COMMENTS ON THE FIELD INVESTIGATION WORK PLAN (WP), INTERIM REMEDIAL ACTION (IRA) SITE 15 BLDGS 301 AND 389 TRANSFORMER STORAGE AREA	ADMIN RECORD	IRA WP	015	FRC - LAGUNA NIGEL 181-03-0179 28 OF 46 41074200
CMNT NONE 00000	NONE 00.0						
N00236 / 000869	11-24-1999 12-16-1993	CAC	COMMENTS ON THE DRAFT FOLLOW-ON SAMPLING PLAN (SP) FOR SITE 15 OF DECEMBER 2	ADMIN RECORD	SP	015	FRC - LAGUNA NIGEL 181-03-0179 27 OF 46 41074200
CMNT NONE 00000	NONE 00.0						
N00236 / 000896	11-24-1999 12-16-1993	CAC HOUGH, ROBERTA NAVY KIKUGAWA, GEORGE	COMMENTS ON THE DRAFT SAMPLING PLAN (SP) FOR SITE 15	ADMIN RECORD	SP	015	FRC - LAGUNA NIGEL 181-03-0179 28 OF 46 41074200
CMNT NONE 00001	NONE 00.0						

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001009	11-24-1999	DTSC	COMMENTS ON THE DRAFT INTERIM REMEDIAL ACTION (IRA) SITE 15, FIELD INVESTIGATION WORK PLAN (WP)	ADMIN RECORD	IRA WP	015	FRC - LAGUNA NIGEL
CMNT	NONE						181-03-0179
NONE	00.0						29 OF 46
00000							41074200
N00236 / 001018	11-24-1999	NAVY	RESPONSE TO COMMENTS ON THE DRAFT FIELD INVESTIGATION WORK PLAN (WP) RI/FS, INTERIM REMEDIAL ACTION (IRA), SITE 15, BLDGS 301 AND 389, TRANSFORMER STORAGE AREA	ADMIN RECORD	RI. FS. IRA WP	015	FRC - LAGUNA NIGEL
RESP	NONE						181-03-0179
NONE	00.0						29 OF 46
00000							41074200
N00236 / 001019	11-24-1999	NAVY	RESPONSE TO COMMENTS ON THE DRAFT FIELD INVESTIGATION WORK PLAN (WP) RI/FS, INTERIM REMEDIAL ACTION (IRA), SITE 15, BLDGS 301 AND 389, TRANSFORMER STORAGE AREA	ADMIN RECORD	FS IRA RI WP	015	FRC - LAGUNA NIGEL
RESP	NONE						181-03-0179
NONE	00.0						29 OF 46
00000							41074200
N00236 / 001020	11-24-1999	NAVY	RESPONSE TO COMMENTS ON THE DRAFT FIELD INVESTIGATION WORK PLAN (WP) RI/FS, INTERIM REMEDIAL ACTION (IRA), SITE 15, BLDGS 301 AND 389, TRANSFORMER STORAGE AREA	ADMIN RECORD	FS IRA RI WP	015	FRC - LAGUNA NIGEL
RESP	NONE						181-03-0179
NONE	00.0						29 OF 46
00000							41074200

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001041	11-24-1999	PRC	DRAFT SITE 15 REMOVAL ACTION (RM)	REMOVED	CA	015	FRC - LAGUNA
	03-14-1994		ENGINEERING EVALUATION/COST		EE		NIGEL
RPT	NONE		ANALYSIS REPORT (EE/CA).		RM		181-03-0179
NONE	00.0		***COMMENTS: REMOVED***				30 OF 46
00000							41074200
N00236 / 001044	11-24-1999	NAVY	SUBMISSION OF DRAFT EE/CA REPORT,	INFO	CA	015	FRC - LAGUNA
	03-15-1994		REMOVAL ACTION (RM), SITE 15, BLDG 301	REPOSITORY	EE		NIGEL
LTR	NONE		AND 389		RM		181-03-0179
NONE	00.0						30 OF 46
00000							41074200
N00236 / 001046	11-24-1999	NAVY	SUBMISSION OF FINAL FIELD WORK PLAN	INFO	IRA	015	FRC - LAGUNA
	03-28-1994		(WP), INTERIM REMEDIAL ACTION (IRA),	REPOSITORY	WP		NIGEL
LTR	NONE		SITE 15				181-03-0179
NONE	00.0						30 OF 46
00000							41074200
N00236 / 001047	11-24-1999	NAVY	FINAL FIELD INVESTIGATION WORK PLAN	INFO	RM	015	FRC - LAGUNA
	03-28-1994		(WP), REMOVAL ACTION (RM), SITE 15	REPOSITORY	WP		NIGEL
RPT	NONE						181-03-0179
NONE	00.0						30 OF 46
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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000658 TC.A021.10075 MM N68711-00-D-0005 00007	06-13-2003 04-13-1994 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	MONTHLY PROGRESS REVIEW MEETING MINUTES FOR THE BRAC CLEANUP ACTIVITIES 13 APRIL 1994 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS SVOC	004 005 008 010A 012 013 014 015 PHASE 2B PHASE 3	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 000659 TC.A021.10075 MM N68711-00-D-0005 00005	06-13-2003 04-29-1994 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	MONTHLY PROGRESS REVIEW MEETING MINUTES FOR THE BRAC CLEANUP ACTIVITIES 29 APRIL 1994 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	006 007A 008 012 014 015 016 OU 1 PHASE 5 PHASE 6	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001055 CMNT NONE 00000	11-24-1999 05-19-1994 NONE 00.0	SIERRA CLUB	COMMENTS ON THE ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	CA EE RM	015	FRC - LAGUNA NIGEL 181-03-0179 30 OF 46 41074200
N00236 / 001056 CMNT NONE 00000	11-24-1999 05-19-1994 NONE 00.0	CAC	COMMENTS ON THE ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	CA EE RM	015	FRC - LAGUNA NIGEL 181-03-0179 30 OF 46 41074200

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N00236 / 001057	11-24-1999	DTSC	COMMENTS ON THE ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	CA	015	FRC - LAGUNA NIGEL
CMNT	05-19-1994				EE		181-03-0179
NONE	NONE				RM		30 OF 46
00000	00.0						41074200
N00236 / 001950	02-08-2005	IT CORPORATION	SITE HEALTH AND SAFETY PLAN, PHASE 1 WORK, REVISION A	ADMIN RECORD	UST	015	SOUTHWEST DIVISION - BLDG. 1
WBS NO. 001-76-170	05-20-1994	L. STOUT			VOC		
RPT	00009	NAVFAC - EFA WEST					
N62474-93-D-2151							
00200							
N00236 / 000660	06-13-2003	TETRA TECH EM INC.	PROGRESS REVIEW MEETING MINUTES FOR THE BRAC CLEANUP ACTIVITIES 25 MAY 1994 MEETING	ADMIN RECORD		004	FRC - LAGUNA NIGEL
TC.A021.10075	05-25-1994			INFO		006	181-03-0188
MM	DO 0021			REPOSITORY		007A	14 OF 17
N68711-00-D-0005		NAVFAC - SOUTHWEST DIVISION				008	
00006						012	RF5258
						014	
						015	
						016	
N00236 / 001062	11-24-1999	DTSC	NOTIFICATION OF REQUIREMENT FOR CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) DETERMINATION FOR SITE 15 REMOVAL ACTION (SEE AR #1105 - NAVY RESPONSE)	ADMIN RECORD	CEQA	015	FRC - LAGUNA NIGEL
LTR	06-02-1994				REMOVAL		181-03-0179
NONE	NONE	NAVFAC - SOUTHWEST DIVISION					30 OF 46
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N00236 / 001064	11-24-1999	PRC	DRAFT IMPLEMENTATION WORK PLAN (WP), REMOVAL ACTION (RM), SITE 15 BUILDINGS 283, 301, AND 389	INFO REPOSITORY	RM WP	015	FRC - LAGUNA NIGEL
RPT	NONE						181-03-0179
NONE	00.0						30 OF 46
00000							41074200
N00236 / 001118	11-24-1999	DTSC	COMMENTS ON THE SITE 15 REMOVAL ACTION (RM) CEQA DETERMINATION	INFO REPOSITORY	CEQA RM	015	FRC - LAGUNA NIGEL
CMNT	NONE						181-03-0179
NONE	00.0						31 OF 46
00000							41074200
N00236 / 001067	11-24-1999	NAVY	RESPONSE TO DTSC, RWQCB, CAC, AND SIERRA CLUB COMMENTS ON EE/CA FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	CA EE RM	015	FRC - LAGUNA NIGEL
RESP	NONE						181-03-0179
NONE	00.0						30 OF 46
00000							41074200
N00236 / 001951	02-08-2005	IT CORPORATION	DEMOLITION AND DISPOSAL WORK PLAN, REMOVAL ACTION FOR THE TRANSFORMER STORAGE AREA, REVISION A	ADMIN RECORD		015	SOUTHWEST DIVISION - BLDG. 1
NONE	06-21-1994	R. SWATEK					
RPT	DO 0009	NAVFAC - EFA					
N62474-93-D-2151		WEST					
00030							

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N00236 / 001083	11-24-1999 08-23-1994	NAVY	SUBMISSION OF REMOVAL ACTION (RM) SITE 15 TRANSFORMER STORAGE AREA, FINAL IMPLEMENTATION WORK PLAN (WP)	INFO REPOSITORY	RM WP	015	FRC - LAGUNA NIGEL
LTR	NONE						181-03-0179
NONE	00.0						31 OF 46
00000							41074200
N00236 / 001084	11-24-1999 08-29-1994	PRC	REMOVAL ACTION (RM) SITE 15 TRANSFORMER STORAGE AREA, FINAL IMPLEMENTATION WORK PLAN (WP)	INFO REPOSITORY	RM WP	015	FRC - LAGUNA NIGEL
RPT	NONE						181-03-0179
NONE	00.0						31 OF 46
00000							41074200
N00236 / 001105	11-24-1999 09-28-1994	NAVFAC - SOUTHWEST DIVISION	RESPONSE TO QUESTIONS REGARDING CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) DETERMINATION FOR SITE 15 REMOVAL ACTION (SEE AR #1062 - DTSC LETTER)	INFO REPOSITORY	CEQA REMOVAL	015	FRC - LAGUNA NIGEL
RESP	NONE						181-03-0179
NONE	00.0	DTSC					31 OF 46
00000							41074200
N00236 / 001149	11-24-1999 10-01-1994	ITC	SITE 15 TRANSFORMER STORAGE AREA REMEDIAL ACTION (RA) DEMOLITION AND DISPOSAL PLAN	INFO REPOSITORY	RA	015	FRC - LAGUNA NIGEL
RPT	DO 0009						181-03-0179
NONE	00.0						31 OF 46
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N00236 / 001150	11-24-1999	ITC	TRANSFORMER STORAGE AREA	ADMIN RECORD	REMEDIAL ACTIO	015	FRC - LAGUNA
	10-01-1994		REMEDIAL ACTION (RA) ENVIRONMENTAL	INFO			NIGEL
PLAN	DO 0009	NAVFAC -	PROTECTION PLAN	REPOSITORY			181-03-0179
NONE	00.0	SOUTHWEST					31 OF 46
00000		DIVISION					41074200
N00236 / 001151	11-24-1999	ITC	SITE 15 TRANSFORMER STORAGE AREA	INFO	QCP	015	FRC - LAGUNA
	10-01-1994		REMEDIAL ACTION (RA) DRAFT	REPOSITORY	RA		NIGEL
RPT	NONE		CONTRACTOR QUALITY CONTROL PLAN				181-03-0179
NONE	00.0		(QCP)(DO 0009/PHASE 2)				31 OF 46
00000							41074200
N00236 / 001152	11-24-1999	ITC	SITE 15 TRANSFORMER STORAGE AREA	INFO	HASP	015	FRC - LAGUNA
	10-01-1994		REMEDIAL ACTION (RA) SITE HEALTH AND	REPOSITORY	RA		NIGEL
RPT	NONE		SAFETY PLAN (HASP)(DO 0009)				181-03-0179
NONE	00.0						32 OF 46
00000							41074200
N00236 / 001122	11-24-1999	RWQCB	COMMENTS ON THE ACTION	ADMIN RECORD	AM	015	FRC - LAGUNA
	10-07-1994		MEMORANDUM (AM), SITE 15 FINAL		RM		NIGEL
CMNT	NONE		REMOVAL ACTION (RM)				181-03-0179
NONE	00.0						31 OF 46
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N00236 / 001133	11-24-1999	PRC	FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) REPORT FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	CA EE RM	015	FRC - LAGUNA NIGEL 181-03-0179 31 OF 46 41074200
RPT NONE 00000	NONE 00.0						
N00236 / 001952	02-08-2005	IT CORPORATION	DEMOLITION AND DISPOSAL WORK PLAN, REMOVAL ACTION FOR THE TRANSFORMER STORAGE AREA, REVISION 0	ADMIN RECORD		015	SOUTHWEST DIVISION - BLDG. 1
NONE RPT N62474-93-D-2151 00030	10-18-1994 DO 0009	R. SWATEK NAVFAC - EFA WEST					
N00236 / 001123	11-24-1999	DTSC	REVIEW OF SITE 15 ACTION MEMORANDUM (AM) DRAFT	ADMIN RECORD	AM	015	FRC - LAGUNA NIGEL 181-03-0179 31 OF 46 41074200
CMNT NONE 00003	NONE 00.0	LANPHAR, THOMAS NAVY KIKUGAWA, GEORGE					
N00236 / 001124	11-24-1999	DTSC	REVIEW OF SITE 15 REMOVAL ACTION (RM) HEALTH AND SAFETY PLAN (HASP) DRAFT	ADMIN RECORD	HASP RM	015	FRC - LAGUNA NIGEL 181-03-0179 31 OF 46 41074200
CMNT NONE 00002	NONE 00.0	LANPHAR, THOMAS NAVY KIKUGAWA, GEORGE					

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N00236 / 001142	11-24-1999	DTSC	AGENCY COMMENTS ON SITE 15	INFO	HASP	015	FRC - LAGUNA
	10-19-1994		REMOVAL ACTION (RM) DRAFT HEALTH	REPOSITORY	RM		NIGEL
CMNT	NONE		AND SAFETY PLAN (HASP)				181-03-0179
NONE	00.0						31 OF 46
00000							41074200
N00236 / 001143	11-24-1999	DTSC	AGENCY COMMENTS ON SITE 15 DRAFT	ADMIN RECORD	AM	015	FRC - LAGUNA
	10-19-1994		ACTION MEMORANDUM (AM)				NIGEL
CMNT	NONE						181-03-0179
NONE	00.0						31 OF 46
00000							41074200
N00236 / 001132	11-24-1999	NAVY	SUBMISSION OF FINAL ENGINEERING	INFO	CA	015	FRC - LAGUNA
	10-20-1994		EVALUATION/COST ANALYSIS (EE/CA) FOR	REPOSITORY	EE		NIGEL
LTR	NONE		SITE 15 REMOVAL ACTION (RM)		RM		181-03-0179
NONE	00.0						31 OF 46
00000							41074200
N00236 / 001953	02-08-2005	IT CORPORATION	SITE HEALTH AND SAFETY PLAN (SHSP),	ADMIN RECORD	SHSP	015	SOUTHWEST
NONE	10-25-1994		PHASE II WORK, REVISION 0 (SEE AR		UST		DIVISION - BLDG.
RPT	DO 0009	NAVFAC - EFA	#1200 - REVISION 1)		VOC		1
N62474-93-D-2151		WEST					
00500							

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N00236 / 001148	11-24-1999 11-02-1994	ITC	SITE 15 TRANSFORMER STORAGE AREA REMEDIAL ACTION (RA) WORK PLAN (WP)(DO 0009)	INFO REPOSITORY	RA WP	015	FRC - LAGUNA NIGEL 181-03-0179 31 OF 46 41074200
RPT NONE 00000	NONE 00.0						
N00236 / 001136	11-24-1999 11-03-1994	NAVY	SUBMISSION OF REVISED PRELIMINARY WORK PLAN (WP), SITE 15 TRANSFORMER STORAGE AREA REMEDIAL ACTION (RA)	INFO REPOSITORY	RA WP	015	FRC - LAGUNA NIGEL 181-03-0179 31 OF 46 41074200
LTR NONE 00000	NONE 00.0						
N00236 / 001197	11-24-1999 11-09-1994	USEPA	AGENCY COMMENTS ON SITE 15 ACTION MEMORANDUM (AM) DRAFT	ADMIN RECORD	AM	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
CMNT NONE 00000	NONE 00.0						
N00236 / 001144	11-24-1999 11-22-1994	DTSC	AGENCY COMMENTS ON SITE 15 REMOVAL ACTION (RM) - MANAGEMENT OF RESIDUAL WASTE WATER AND WASTE SOLIDS FROM TREATMENT PROCESS	INFO REPOSITORY	RM	015	FRC - LAGUNA NIGEL 181-03-0179 31 OF 46 41074200
CMNT NONE 00000	NONE 00.0						

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N00236 / 001155	11-24-1999 12-14-1994	PRC	FINAL ACTION MEMORANDUM (AM) FOR SITE 15 NON-TIME CRITICAL REMOVAL ACTION (RM) {SEE AR #48 - DRAFT ADDENDUM, DATED 12/19/00 & #246 - REVISED DRAFT ADDENDUM, DATED 08/24/01}	ADMIN RECORD	AM RM	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
ACTM NONE 00000	NONE 00.0						
N00236 / 001156	11-24-1999 12-20-1994	NAVY	SITE 15 REMOVAL ACTION (RM) SCHEDULE	INFO REPOSITORY	RM	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
LTR NONE 00000	NONE 00.0						
N00236 / 001157	11-24-1999 12-28-1994	DTSC	AGENCY APPROVAL OF ACTION MEMORANDUM (AM) FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	AM RM	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
LTR NONE 00000	NONE 00.0						
N00236 / 001198	11-24-1999 12-28-1994	DTSC	AGENCY COMMENTS ON ACTION MEMORANDUM (AM) FOR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	AM RM	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
CMNT NONE 00000	NONE 00.0						

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N00236 / 000663 TC.A021.10075 MM N68711-00-D-0005 00005	06-13-2003 01-18-1995 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	PROGRESS REVIEW MEETING MINUTES FOR THE 18 JANUARY 1995 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	005 007A 007C 013 015 016	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001200 NONE RPT N62474-93-D-2151 00000	11-24-1999 02-01-1995 DO 0009 00.0	IT CORPORATION NAVFAC - EFA WEST	SITE HEALTH AND SAFETY PLAN (SHSP), PHASE II WORK, REVISION 1 (SEE AR #1953 - REVISION 0)	ADMIN RECORD INFO REPOSITORY	HASP	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
N00236 / 000666 TC.A021.10075 MM N68711-00-D-0005 00006	06-16-2003 03-14-1995 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	PROGRESS REVIEW MEETING MINUTES FOR THE 14 MARCH 1995 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS RAB	001 002 003 004 005 007A 007C 010A 012 013 014 015 018	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258

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N00236 / 000667 TC.A021.10075 MM N68711-00-D-0005 00003	06-16-2003 04-19-1995 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	PROGRESSIVE REVIEW MEETING MINUTES FOR THE 19 APRIL 1995 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	002 OU 1 OU 2 OU 3 OU 4	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001180 LTR NONE 00000	11-24-1999 04-25-1995 NONE 00.0	NAVY	WINTER RAINS EFFECT ON IR SITE 15 REMOVAL ACTION (RM)	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
N00236 / 001204 RESP NONE 00002	11-24-1999 06-08-1995 NONE 00.0	ITC CROOKS, VALERIE NAVY CHAGONJIAN, LIDI	REMOVAL ACTION (RM) AT SITE 15, QUESTIONS REGARDING RESIDUAL DISPOSITION FROM THE SOIL WASHING PROCESS	INFO REPOSITORY	RM SOIL WASHING	015	FRC - LAGUNA NIGEL 181-03-0179 32 OF 46 41074200
N00236 / 000668 TC.A021.10075 MM N68711-00-D-0005 00011	06-16-2003 06-20-1995 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 20 JUNE 1995 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS TPH	007A 014 015 016 018 07C OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001203	11-24-1999	NAVY	SUBMISSION LETTER - REMOVAL ACTION	INFO	RM	015	FRC - LAGUNA
	06-20-1995	WONG, DENNIS	(RM) AT SITE 15 QUESTIONS REGARDING	REPOSITORY	SOIL WASHING		NIGEL
LTR	NONE	DTSC	RESIDUAL DISPOSITION FROM SOIL				181-03-0179
NONE	00.0	LANPHAR,	WASHING PROCESS				32 OF 46
00001		THOMAS					41074200
N00236 / 001213	11-24-1999	NAVY	DOCUMENT SUMMARY FOR DRAFT DATA	ADMIN RECORD		001	FRC - LAGUNA
	07-11-1995	KIKUGAWA,	TRANSMITTAL MEMORANDUM FOR			002	NIGEL
LTR	NONE	GEORGE	INSTALLATION RESTORATION SITES 1, 2,			003	181-03-0179
NONE	00.0	RAB	3, RUNWAY AREA, 6 , 7A, 7B, 7C, 10B, 11,			006	32 OF 46
00005			13, 15, 16, AND 19			007	41074200
						010	
						011	
						013	
						015	
						016	
						019	
N00236 / 001216	11-24-1999	NAVY	DOCUMENT SUMMARY FOR DRAFT DATA	ADMIN RECORD		001	FRC - LAGUNA
	07-11-1995	KIKUGAWA,	AND DRAFT DATA FOR TRANSMITTAL			002	NIGEL
LTR	NONE	GEORGE	MEMORANDUM FOR INSTALLATION			003	181-03-0179
NONE	00.0	DTSC	RESTORATION SITES 1, 2, 3, RUNWAY			006	33 OF 46
00005		LANPHAR,	AREA, 6 , 7A, 7B, 7C, 10B, 11, 13, 15			007	41074200
		THOMAS				010	
						011	
						013	
						015	
						016	
						019	

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000669 TC.A021.10075 MM N68711-00-D-0005 00009	06-16-2003 07-18-1995 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 18 JULY 1995 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS RAB	007A 007C 014 015 016 018	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001241 CMNT NONE 00003	11-24-1999 10-23-1995 NONE 00.0	DTSC LANPHAR, THOMAS NAVY GARIBALDI, CAMIL	COMMENTS ON THE DRAFT WORK PLAN (WP) FOR TEMPORARY STORAGE AND TREATMENT AREA FOR SITE 15 SOIL	INFO REPOSITORY	TSTA WP	015	FRC - LAGUNA NIGEL 181-03-0179 33 OF 46 41074200
N00236 / 001235 RPT NONE 00012	11-24-1999 10-25-1995 NONE 00.0	ITC NAVY WONG, DENNIS	ADMINISTRATIVE MEMORANDUM, CHANGES TO REMOVAL ACTION (RM) AT SITE 15	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 33 OF 46 41074200
N00236 / 001243 LTR NONE 00013	11-24-1999 10-31-1995 NONE 00.0	NAVY WONG, DENNIS DTSC LANPHAR, THOMAS	TRANSMITTAL OF THE ADMINISTRATIVE MEMORANDUM, CHANGES TO REMOVAL ACTION (RM) AT SITE 15 (W/ENCLOSURE) (ALSO SEE DOC NO. 1235)	INFO REPOSITORY	RM	015	FRC - LAGUNA NIGEL 181-03-0179 33 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001258	11-24-1999	PRC	PRELIMINARY REMOVAL ACTION (RM)	INFO	RM	015	FRC - LAGUNA
	12-01-1995	BIE, SCOTT W.	IMPLEMENTATION REPORT, SITE 15	REPOSITORY			NIGEL
RPT	00258	NAVY					181-03-0179
N62474-88-D-5086	00.0	WONG, DENNIS					34 OF 46
00026							41074200
N00236 / 000670	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	002	FRC - LAGUNA
TC.A021.10075	02-20-1996	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO		003	NIGEL
MM	DO 0021		20 FEBRUARY 1996 MEETING - INCLUDES	REPOSITORY		004	181-03-0188
N68711-00-D-0005		NAVFAC -	ATTENDANCE LIST AND AGENDA			005	14 OF 17
00004		SOUTHWEST				007A	RF5258
		DIVISION				007C	
						013	
						014	
						015	
						016	
						018	
						OU 4	
N00236 / 001295	11-24-1999	ITC	FINAL POST CONSTRUCTION	ADMIN RECORD	RM	015	FRC - LAGUNA
	04-01-1996		IMPLEMENTATION REPORT, REMOVAL				NIGEL
RPT	00009	NAVY	ACTION (RM) AT SITE 15. ***COMMENTS: 1				181-03-0179
N62474-93-D-2151	00.0	WONG, DENNIS	PLAN SHEET***				34 OF 46
00176							41074200

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Doc. Control No.	Prc. Date	Author Affil.				FRC Access. No.	
Record Type	Record Date	Author				FRC/SWDIV Box No.	
Contr./Guid. No.	CTO No.	Recipient Affil.				FRC Warehouse Loc.	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001284 LTR N62474-88-D-5086 00004	11-24-1999	NAVY	SUBMISSION OF COVER PAGES FOR FINAL DATA TRANSMITTAL MEMORANDUM FOR SITES 1, 2, 3, RUNWAY AREA, 6, 7A, 7B, 7C, 9, 10B, 11, 13, 15, 16 AND 19; VOLUMES 1 AND 2. ***COMMENTS: NO COMMENTS ON DRAFT TRANSMITTAL MEMORANDUM, UPDATE COVER SHEETS TO FINAL***	INFO REPOSITORY		001	FRC - LAGUNA
	04-24-1996	KIKUGAWA,				002	NIGEL
	00280	GEORGE				003	181-03-0179
	00.0	DTSC				006	34 OF 46
		LANPHAR,				007	41074200
		THOMAS				009	
						011	
						013	
						015	
						016	
						019	
						021	
						022	
						023	
N00236 / 001214 RPT N62474-88-D-5086 00000	11-24-1999	PRC	FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS); DATA TRANSMITTAL MEMORANDUM; SITES 1, 2, 3, RUNWAY AREA, 6, 7A, 7B, 7C, 9, 10B, 11, 13, 15, 16, AND 19; VO. ***COMMENTS: WAS DRAFT DTD 7/11/95, NO COMMENTS ON DRAFT, UPDATE COVER SHEET***	ADMIN RECORD	FS RI	001	FRC - LAGUNA
	05-01-1996	BALCH, DUANE C.				002	NIGEL
	00280	NAVY				003	181-03-0179
	00.0	MUNEKAWA,				006	33 OF 46
		GARY J				007	41074200
						010	
						011	
						013	
						015	
						016	
						019	

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001215	11-24-1999	PRC	FINAL REMEDIAL	ADMIN RECORD	FS	001	FRC - LAGUNA
	05-01-1996	BALCH, DUANE C.	INVESTIGATION/FEASIBILITY STUDY		RI	002	NIGEL
RPT	00280	NAVY	(RI/FS); DATA TRANSMITTAL			003	181-03-0179
N62474-88-D-5086	00.0	MUNEKAWA,	MEMORANDUM; SITES 1, 2, 3, RUNWAY			006	33 OF 46
00000		GARY J	AREA, 6, 7A, 7B, 7C, 9, 10B, 11, 13, 15, 16,			007	
			AND 19; VO. ***COMMENTS: WAS DRAFT			010	41074200
			DTD 07/11/95, NO COMMENTS ON DRAFT,			011	
			UPDATE COVER SHEETS TO FINAL***			013	
						015	
						016	
						019	
N00236 / 001294	11-24-1999	NAVY	TRANSMITTAL OF FINAL POST	INFO	RM	015	FRC - LAGUNA
	05-09-1996	WONG, DENNIS	CONSTRUCTION IMPLEMENTATION	REPOSITORY			NIGEL
LTR	00009	DTSC	REPORT, REMOVAL ACTION (RM) AT SITE				181-03-0179
N62474-93-D-2151	00.0	LANPHAR,	15				34 OF 46
00001		THOMAS					41074200
N00236 / 000672	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10075	05-21-1996	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO	RAB	002	NIGEL
MM	DO 0021		21 MAY 1996 MEETING	REPOSITORY		015	181-03-0188
N68711-00-D-0005		NAVFAC -				016	14 OF 17
00005		SOUTHWEST				018	
		DIVISION				OU 1	RF5258
						OU 2	
						OU 3	
						OU 4	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000673	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	003	FRC - LAGUNA
TC.A021.10075	06-25-1996	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO	RAP	007	NIGEL
MM	DO 0021		25 JUNE 1996 MEETING - INCLUDES	REPOSITORY		007A	181-03-0188
N68711-00-D-0005		NAVFAC -	ATTENDANCE LIST AND AGENDA			013	14 OF 17
00008		SOUTHWEST				014	
		DIVISION				014015016	RF5258
						015	
						022	
						07C	
N00236 / 000674	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10075	08-20-1996	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO		002	NIGEL
MM	DO 0021		20 AUGUST 1996 MEETING - INCLUDES	REPOSITORY		005	181-03-0188
N68711-00-D-0005		NAVFAC -	ATTENDANCE LIST AND AGENDA			007	14 OF 17
00010		SOUTHWEST				007A	
		DIVISION				010	RF5258
						010A	
						014	
						015	
						016	
						018	
						022	
						07C	
N00236 / 001357	11-24-1999	NAVY	IDENTIFICATION OF STATE "APPLICABLE	ADMIN RECORD	ARAR	OU 1	FRC - LAGUNA
	09-12-1996	GEE, HENRY C.	OR RELEVANT AND APPROPRIATE		FS	OU 2	NIGEL
LTR	NONE	DTSC	REQUIREMENTS" (ARARS) FOR THE		RI	OU 3	181-03-0179
NONE	00.0	MURPHY, DANIEL	REMEDIAL INVESTIGATION AND			OU 4	36 OF 46
00002		E	FEASIBILITY STUDY (RI/FS) FOR				
			OPERABLE UNITS				41074200

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000683	06-16-2003	TETRA TECH EM	BACKGROUND ASSESSMENT MEETING	ADMIN RECORD	MTG MINS	003	FRC - LAGUNA
TC.A021.10075	02-26-1997	INC.	MINUTES FOR THE 26 FEBRUARY 1997	INFO	PAH	004	NIGEL
MM	DO 0021		MEETING	REPOSITORY		005	181-03-0188
N68711-00-D-0005		NAVFAC -				007	14 OF 17
00007		SOUTHWEST				011	
		DIVISION				012	RF5258
						018	
						022	
						OU 2	
						OU 3	
						OU1	
N00236 / 001395	11-24-1999	NAVY	IDENTIFICATION OF STATE APPLICABLE	ADMIN RECORD	ARAR	OU 1	FRC - LAGUNA
	03-04-1997	GARIBALDI, CAMIL	OR RELEVANT AND APPROPRIATE		FS	OU 2	NIGEL
LTR	NONE	DTSC	REQUIREMENTS (ARARS) FOR THE		RI	OU 3	181-03-0179
NONE	00.0	LANPHAR,	REMEDIAL INVESTIGATION/FEASIBILITY			OU 4	37 OF 46
00002		THOMAS	STUDY (RI/FS) FOR OPERABLE UNITS ON				
							41074200
N00236 / 001390	11-24-1999	DTSC	INFORMATION REQUEST FOR SITES 15	ADMIN RECORD	RM	015	FRC - LAGUNA
	04-21-1997	LANPHAR,	AND 16 REMOVAL ACTIONS (RM)			016	NIGEL
LTR	NONE	THOMAS					181-03-0179
NONE	00.0	NAVY					36 OF 46
00003		GARIBALDI, CAMIL					
							41074200
N00236 / 000685	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	003	FRC - LAGUNA
TC.A021.10075	04-29-1997	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO		004	NIGEL
MM	DO 0021		29 APRIL 1997 MEETING - INCLUDES	REPOSITORY		005	181-03-0188
N68711-00-D-0005		NAVFAC -	ATTENDANCE LIST AND AGENDA			007	14 OF 17
00009		SOUTHWEST				010	
		DIVISION				012	RF5258
						022	
						OU 1	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001384	11-24-1999	NAVY	SUBMISSION OF THE (1) DRAFT	ADMIN RECORD	CA	015	FRC - LAGUNA
	05-15-1997	KIKUGAWA,	ADDENDUM, ENGINEERING		EE	016	NIGEL
LTR	NONE	GEORGE	EVALUATION/COST ANALYSIS (EE/CA),		RM		181-03-0179
N62474-94-D-7535	00.0	DTSC	SITE 15 - SOIL REMOVAL ACTION (RM), (2)				36 OF 46
00002		LANPHAR,	DRAFT FINAL, ENGINEERING				41074200
		THOMAS	EVALUATION/C				
N00236 / 001385	11-24-1999	MET	DRAFT ADDENDUM, ENGINEERING	REMOVED	CA	015	FRC - LAGUNA
	05-15-1997	IGBENE, AKALI	EVALUATION/COST ANALYSIS (EE/CA),		EE		NIGEL
RPT	00010	NAVY	SITE 15 - SOIL REMOVAL ACTION (RM).		RM		181-03-0179
N62474-94-D-7535	00.0	KIKUGAWA,	***COMMENTS: REMOVED***				36 OF 46
00069		GEORGE					41074200
N00236 / 001421	11-24-1999	NAVY	PROPOSED OPERABLE UNIT 1 THROUGH 4	INFO	FS	OU 1	FRC - LAGUNA
	06-08-1997	BERNHARD,	(OU 1, OU 2, OU 3, OU 4) REMEDIAL	REPOSITORY	OU	OU 2	NIGEL
LTR	NONE	TERESA	INVESTIGATION/FEASIBILITY		RI	OU 3	181-03-0179
NONE	00.0	DTSC	STUDY/RECORD OF DECISION (RI/FS/ROD)		ROD	OU 4	37 OF 46
00010		LANPHAR,	SCHEDULE				41074200
		THOMAS					
N00236 / 001430	11-24-1999	DTSC	COMMENTS ON THE DRAFT ADDENDUM	ADMIN RECORD	CA	015	FRC - LAGUNA
	06-10-1997	LANPHAR,	ENGINEERING EVALUATION/COST		EE	016	NIGEL
CMNT	NONE	THOMAS	ANALYSIS (EE/CA) SITE 15, SOIL REMOVAL		RM		181-03-0179
NONE	00.0	NAVY	ACTION (RM); DRAFT EE/CA SITE 16, SOIL				37 OF 46
00008		GARIBALDI, CAMIL	REMOVAL ACTION				41074200

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001424	11-24-1999	NAVY	RESPONSE TO COMMENTS ON THE PRE-DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR SITE 15 AND THE PRE-DRAFT EE/CA FOR SITE 16	ADMIN RECORD	CA	015	FRC - LAGUNA
	06-20-1997	GARIBALDI, CAMIL			EE	016	NIGEL
RESP	NONE	USEPA					181-03-0179
N62474-94-D-7535	00.0	RICKS, JAMES A.					37 OF 46
00010							41074200
N00236 / 001425	11-24-1999	NAVY	RESPONSE TO COMMENTS ON THE PRE-DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) FOR SITE 15 AND THE PRE-DRAFT EE/CA FOR SITE 16	ADMIN RECORD	CA	015	FRC - LAGUNA
	06-20-1997	GARIBALDI, CAMIL			EE	016	NIGEL
RESP	NONE	DTSC					181-03-0179
N62474-94-D-7535	00.0	LANPHAR, THOMAS					37 OF 46
00011							41074200
N00236 / 001427	11-24-1999	ITC	DRAFT CONTRACTOR WORK PLAN, ENVIRONMENTAL PROTECTION PLAN, SAMPLING AND ANALYSIS PLAN (SAP), SITE HEALTH AND SAFETY PLAN (HASP), NON-TIME CRITICAL REMOVAL ACTIONS. ***COMMENTS: REMOVED, SUPERCEDED BY #1434***	REMOVED	HASP	015	SOUTHWEST
	07-01-1997	MCGUIRE, JOHN			RM	016	DIVISION - BLDG. 1
RPT	00037	NAVY			SAP		
N62474-93-D-2151	00.0	KIKUGAWA, GEORGE			WP		
00500							
N00236 / 001422	11-24-1999	MET	DRAFT FINAL ADDENDUM ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), SITE 15, SOIL REMOVAL ACTION (RM)	ADMIN RECORD	CA	015	FRC - LAGUNA
	07-14-1997	IGBENE, AKALI			EE		NIGEL
RPT	00010	NAVY			RM		181-03-0179
N62474-94-D-7535	00.0	KIKUGAWA, GEORGE					37 OF 46
00100							41074200

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001426	11-24-1999	NAVY	SUBMISSION OF THE DRAFT	ADMIN RECORD	HASP	015	FRC - LAGUNA
	07-21-1997	KIKUGAWA,	CONTRACTOR WORK PLAN,		RM	016	NIGEL
LTR	00037	GEORGE	ENVIRONMENTAL PROTECTION PLAN,		SAP		181-03-0179
N62474-93-D-2151	00.0	DTSC	SAMPLING AND ANALYSIS PLAN (SAP),		WP		37 OF 46
00002		LANGSTON, JOHN	SITE HEALTH AND SAFETY PLAN (HASP),				
			NON-TIME CRITIC				41074200
N00236 / 000687	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10075	07-29-1997	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO		002	NIGEL
MM	DO 0021		29 JULY 1997 MEETING - INCLUDES	REPOSITORY		004	181-03-0188
N68711-00-D-0005		NAVFAC -	AGENDA			005	14 OF 17
00009		SOUTHWEST				014	
		DIVISION				015	RF5258
						016	
						024	
						OU 2	
						OU 3	
N00236 / 001434	11-24-1999	ITC	FINAL WORK PLAN, CONTRACTOR	ADMIN RECORD	HASP	015	FRC - LAGUNA
	09-12-1997	MCGUIRE, JOHN	QUALITY CONTROL PLAN,		QCP	016	NIGEL
RPT	00037	NAVY	ENVIRONMENTAL PROTECTION PLAN,		RM		181-03-0179
N62474-93-D-2151	00.0	KIKUGAWA,	SAMPLING AND ANALYSIS PLAN, SITE		SAP		37 OF 46
00500		GEORGE	HEALTH AND SAFETY PLAN (HASP), NON-		WP		
			TIME CRITICAL				41074200

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000689	06-16-2003	TETRA TECH EM	MONTHLY TRACKING MEETING MINUTES	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10075	09-16-1997	INC.	FOR ENVIRONMENTAL ACTIONS FOR THE	INFO	TPH	003	NIGEL
MM	DO 0021		16 SEPTEMBER 1997 MEETING - INCLUDES	REPOSITORY		004	181-03-0188
N68711-00-D-0005		NAVFAC -	AGENDA			005	14 OF 17
00012		SOUTHWEST				007	
		DIVISION				011	RF5258
						012	
						014	
						015	
						022	
						OU 2	
N00236 / 001441	11-24-1999	DTSC	COMMENTS ON THE DRAFT ENGINEERING	ADMIN RECORD	CA	015	FRC - LAGUNA
	09-19-1997	LANPHAR,	EVALUATION/COST ANALYSIS (EE/CA) AND		EE	016	NIGEL
CMNT	NONE	THOMAS	WORK PLANS (WP) FOR THE REMOVAL		RM		181-03-0179
NONE	00.0	NAVY	ACTIONS (RM) AT SITES 15 AND 16 - 14		WP		37 OF 46
00002		GARIBALDI, CAMIL	JULY 1997 AND 12 SEPTE				
							41074200
N00236 / 001446	11-24-1999	ITC	REPLACEMENT PAGES FOR WORK PLAN	ADMIN RECORD	RM	015	FRC - LAGUNA
	10-14-1997		(WP), NON-TIME CRITICAL REMOVAL		TSTA	016	NIGEL
LTR	NONE	NAVY	ACTION (RM), SITE 16 CANS C-2 AREA AND		WP		181-03-0179
NONE	00.0	KIKUGAWA,	SITE 15 TSTA				37 OF 46
00010		GEORGE					
							41074200

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000690	06-16-2003	TETRA TECH EM	TRACKING MEETING MINUTES FOR	ADMIN RECORD	MTG MINS	003	FRC - LAGUNA
TC.A021.10075	10-28-1997	INC.	ENVIRONMENTAL ACTIONS FOR THE 28	INFO		004	NIGEL
MM	DO		OCTOBER 1997 MEETING - INCLUDES	REPOSITORY		005	181-03-0188
N68711-00-D-0005		NAVFAC -	ATTENDANCE LIST AND AGENDA			007	14 OF 17
00011		SOUTHWEST				011	
		DIVISION				012	RF5258
						013	
						014	
						015	
						016	
						022	
						OU 1	
N00236 / 001471	11-24-1999	MET	FINAL SITE 15 TSTA: ACTION	ADMIN RECORD	AM	015	FRC - LAGUNA
	11-01-1997	IGBENE, AKALI	MEMORANDUM (AM), NON-TIME CRITICAL		RM		NIGEL
ACTM	00009	NAVY	REMOVAL ACTION (RM)		TSTA		181-03-0179
N62474-94-D-7535	00.0	KIKUGAWA,					38 OF 46
00100		GEORGE					
							41074200
N00236 / 001473	11-24-1999	MET	FINAL SITE 16 AND 15 TSTA: IWP	ADMIN RECORD	RM	015	FRC - LAGUNA
	11-01-1997	IGBENE, AKALI	IMPLEMENTATION WORK PLAN (WP), NON-		TSTA	016	NIGEL
RPT	00009	NAVY	TIME CRITICAL REMOVAL ACTION (RM)		WP		181-03-0179
N62474-94-D-7535	00.0	KIKUGAWA,					38 OF 46
00022		GEORGE					
							41074200
N00236 / 001470	11-24-1999	NAVY	SUBMISSION OF THE FINAL (1) SITE 15	ADMIN RECORD	AM	015	FRC - LAGUNA
	12-01-1997	KIKUGAWA,	TSTA: ACTION MEMORANDUM (AM), (2)		RM	016	NIGEL
LTR	00009	GEORGE	SITE 16: ACTION MEMORANDUM (AM), (3)		TSTA		181-03-0179
N62474-94-D-7535	00.0	DTSC	SITE 16 AND 15 TSTA: IWP		WP		38 OF 46
00002		LANPHAR,	IMPLEMENTATION WORK PLAN (WP),				
		THOMAS					41074200

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001491	11-24-1999	TETRA TECH	DRAFT OPERABLE UNIT 1 (OU1) REMEDIAL INVESTIGATION (RI) REPORT, VOLUME I {SEE AR #29 & 30 - COMMENTS BY EPA & DTSC}. ***COMMENTS: REMOVED, SUPERCEDED BY #1544***	REMOVED	RI	OU 1	P3-C - BECHTEL NATIONAL
RPT	NONE	NAVY					
NONE	00.0	MCFADDEN, PATRIC					PW - 45359744
00000							
N00236 / 001492	11-24-1999	TETRA TECH	DRAFT OPERABLE UNIT 1 (OU 1) REMEDIAL INVESTIGATION (RI) REPORT, VOLUME II {SEE AR #29 & 30 - COMMENTS BY EPA & DTSC}. ***COMMENTS: REMOVED, SUPERCEDED BY #1545***	REMOVED	RI	OU 1	P3-C - BECHTEL NATIONAL
RPT	NONE	NAVY					
NONE	00.0	MCFADDEN, PATRIC					PW - 45359744
00000							
N00236 / 001493	11-24-1999	TETRA TECH	DRAFT OPERABLE UNIT 1 (OU 1) REMEDIAL INVESTIGATION (RI) REPORT, VOLUME III {SEE AR #29 & 30 - COMMENTS BY EPA & DTSC}. ***COMMENTS: REMOVED, SUPERCEDED BY #1546***	REMOVED	RI	OU 1	P3-C - BECHTEL NATIONAL
RPT	NONE	NAVY					
NONE	00.0	MCFADDEN, PATRIC					PW - 45359744
00000							
N00236 / 001494	11-24-1999	TETRA TECH	DRAFT OPERABLE UNIT 1 (OU 1) REMEDIAL INVESTIGATION (RI) REPORT, VOLUME IV {SEE AR #29 & 30 - COMMENTS BY EPA & DTSC}. ***COMMENTS: REMOVED, SUPERCEDED BY #1547***	REMOVED	RI	OU 1	SOUTHWEST DIVISION - BLDG. 1
RPT	NONE	NAVY					
NONE	00.0	MCFADDEN, PATRIC					
00000							

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Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000694 TC.A021.10075 MM N68711-00-D-0005 00010	06-16-2003 02-17-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 17 FEBRUARY 1998 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	001 002 005 010 OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001509 RPT N62474-93-D-2151 00100	11-24-1999 03-25-1998 00037 00.0	ITC NAVFAC - SOUTHWEST DIVISION WONG, DENNIS	FINAL CONSTRUCTION CLOSURE REPORT, NON-TIME CRITICAL REMOVAL ACTION SITE 16 - CANS C-2 AREA AND SITE 15 - SOIL REMOVAL AT TEMPORARY STORAGE AND TREATMENT AREA	ADMIN RECORD	CLOSURE REMOVAL SOIL	015 016	FRC - LAGUNA NIGEL 181-03-0179 39 OF 46 41074200
N00236 / 000029 TC.0271.10613 CORRESP N62474-94-D-7609 00015	11-16-2000 04-10-1998 00271	U.S. EPA - SAN FRANCISCO L. SUER NAVFAC - WESTERN DIVISION P. MCFADDEN	COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION REPORT, DATED 2/10/98 (WITH ENCLOSURES). ***COMMENTS: U.S. EPA COMMENTS PROVIDED BY TETRA TECH, INC.***	ADMIN RECORD INFO REPOSITORY	COMMENTS RI	OU 1	SHAW BINARY SW05072801
N00236 / 000030 TC.0271.10613 CORRESP N62474-94-D-7609 00024	11-16-2000 04-15-1998 00271	DTSC - BERKELEY M. CASSA NAVFAC - WESTERN DIVISION P. MCFADDEN	COMPILED REVIEW AND COMMENTS OF THE DRAFT REMEDIAL INVESTIGATION (RI) REPORT {PORTION OF MAILING LIST IS CONFIDENTIAL} DTSC COMMENTS PROVIDED BY TETRA TECH, INC.	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS RI	OU 1	SOUTHWEST DIVISION - BLDG. 110 PW - 80462377

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Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000696 TC.A021.10075 MM N68711-00-D-0005 00010	06-16-2003 04-21-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 21 APRIL 1998 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	025 OU 1	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001508 LTR N62474-93-D-2151 00002	11-24-1999 05-12-1998 00037 00.0	NAVFAC - SOUTHWEST DIVISION WONG, DENNIS DTSC CASSA, MARY ROSE	SUBMISSION OF THE FINAL CONSTRUCTION CLOSURE REPORT, NON- TIME CRITICAL REMOVAL ACTION, SITE 16 - CANS C-2 AREA AND SITE 15 - SOIL REMOVAL AT TEMPORARY STORAGE AND TREATMENT AREA	ADMIN RECORD	CLOSURE REMOVAL SOIL	015 016	FRC - LAGUNA NIGEL 181-03-0179 39 OF 46 41074200
N00236 / 000698 TC.A021.10075 MM N68711-00-D-0005 00020	06-16-2003 06-16-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 16 JUNE 1998 MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS	006 007 008 015 016 OU 1	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001539 RPT N62474-88-D-5086 00250	11-24-1999 07-01-1998 00258 00.0	TETRA TECH HUTCHISON, NEAL NAVY WONG, DENNIS	DRAFT SITE 15 REMOVAL ACTION (RM) CLOSE-OUT REPORT. ***COMMENTS: REMOVED, SUPERCEDED BY #1562***	REMOVED	RM	015	SOUTHWEST DIVISION - BLDG. 1

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N00236 / 000700 TC.A021.10075 MM N68711-00-D-0005 00020	06-16-2003 07-21-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 21 JULY 1998 MEETING - INLCUDES AGENDA AND PROJECT STATUS SHEETS	ADMIN RECORD INFO REPOSITORY	MTG MINS TPH	OU 1	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001562 RPT N62474-94-D-7609 00250	11-24-1999 09-01-1998 00022 00.0	TETRA TECH HUTCHISON, NEAL NAVY WONG, DENNIS	FINAL SITE 15 REMOVAL ACTION (RM) CLOSE-OUT REPORT	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 40 OF 46 41074200
N00236 / 001550 CMNT NONE 00003	11-24-1999 09-03-1998 NONE 00.0	DTSC CASSA, MARY ROSE NAVY WONG, DENNIS	COMMENTS ON THE DRAFT SITE 15 REMOVAL ACTION (RM) CLOSE-OUT REPORT (JULY 1998)	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 40 OF 46 41074200
N00236 / 001551 CMNT NONE 00002	11-24-1999 09-03-1998 NONE 00.0	USEPA COOK, ANNA- MARIE NAVY WONG, DENNIS	COMMENTS ON THE SITE 15 REMOVAL ACTION (RM) CLOSE-OUT REPORT (27 JULY 1998)	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 40 OF 46 41074200

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000702 TC.A021.10075 MM N68711-00-D-0005 00020	06-16-2003 09-15-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR AFTER ACTION FOR THE 15 SEPTEMBER 1998 MEETING - INLCUDES ATTENDANCE SHEET, AGENDA, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS	014 025 OU 1	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001560 LTR N62474-94-D-7609 00002	11-24-1999 10-07-1998 00022 00.0	NAVY WONG, DENNIS DTSC CASSA, MARY ROSE	SUBMISSION OF THE FINAL SITE 15 REMOVAL ACTION (RM) CLOSE-OUT REPORT AND RESPONSE TO COMMENTS ON DRAFT	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 40 OF 46 41074200
N00236 / 001561 RESP N62474-94-D-7609 00003	11-24-1999 10-07-1998 00022 00.0	NAVY WONG, DENNIS DTSC CASSA, MARY ROSE	RESPONSE TO COMMENTS TO THE DRAFT SITE 15 REMOVAL ACTION (RM) CLOSE- OUT REPORT	ADMIN RECORD	RM	015	FRC - LAGUNA NIGEL 181-03-0179 40 OF 46 41074200
N00236 / 000703 TC.A021.10075 MM N68711-00-D-0005 00020	06-16-2003 10-20-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 20 OCTOBER 1998 MEETING - INCLUDES ATTENDANCE LIST, AGENDA, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS	007 OU 1	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000031 TC.0271.10613 CORRESP N62474-94-D-7609 00018	11-16-2000 11-03-1998 00271	DTSC - BERKELEY M. CASSA NAVFAC - WESTERN DIVISION P. MCFADDEN	COMPILED REVIEW AND COMMENTS OF THE REVISED DRAFT REMEDIAL INVESTIGATION (RI) REPORT {PORTION OF MAILING LIST IS CONFIDENTIAL} DTSC COMMENTS PROVIDED BY TETRA TECH, INC. ***COMMENTS: REVISED DRAFT RI WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD.***	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS RI	OU 1	SOUTHWEST DIVISION - BLDG. 110 PW - 80462377
N00236 / 000032 TC.0271.10613 LTR N62474-94-D-7609 00015	11-16-2000 11-06-1998 00271	U.S. EPA, SAN FRANCISCO, CA L. SUER NAVFAC - WESTERN DIVISION P. MCFADDEN	COMPILED REVIEW AND COMMENTS OF THE REVISED DRAFT REMEDIAL INVESTIGATION (RI) REPORT. ***COMMENTS: EPA COMMENTS PROVIDED BY TETRA TECH, INC;REVISED DRAFT RI WAS NOT SUBMITTED TO THE ADMINISTRATIVE RECORD.***	ADMIN RECORD INFO REPOSITORY	COMMENTS RI	OU 1	SOUTHWEST DIVISION - BLDG. 110 PW - 80462377
N00236 / 000704 TC.A021.10075 MM N68711-00-D-0005 00040	06-16-2003 11-17-1998 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 17 NOVEMBER 1998 MEETING - INCLUDES ATTENDANCE LIST, AGENDA, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS RAB	OU 1	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 001577 RPT N62474-94-D-7609 00500	11-24-1999 01-18-1999 00166 00.0	TETRA TECH SHARMA, MUKUL NAVY MCFADDEN, PATRIC	DRAFT FINAL OPERABLE UNIT 1 (OU 1) REMEDIAL INVESTIGATION (RI) REPORT, VOLUME I OF IV (TEXT, TABLES, FIGURES) {SEE AR #1578, 1579 & 1580 - VOLS. II, III & IV}	ADMIN RECORD	OU RI	OU 1	FRC - LAGUNA NIGEL 181-03-0179 41 OF 46 41074200

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001578	11-24-1999	TETRA TECH	DRAFT FINAL OPERABLE UNIT 1 (OU 1)	ADMIN RECORD	OU	OU 1	FRC - LAGUNA
	01-18-1999	SHARMA, MUKUL	REMEDIAL INVESTIGATION (RI) REPORT,		RI		NIGEL
RPT	00166	NAVY	VOLUME II OF IV (CHAPTER 6 FIGURES)				181-03-0179
N62474-94-D-7609	00.0	MCFADDEN,	{SEE AR #1577, 1579 & 1580 - VOLS. I, III &				41 OF 46
00500		PATRIC	IV}				41074200
N00236 / 001579	11-24-1999	TETRA TECH	DRAFT FINAL OPERABLE UNIT 1 (OU 1)	ADMIN RECORD	OU	OU 1	FRC - LAGUNA
	01-18-1999	SHARMA, MUKUL	REMEDIAL INVESTIGATION (RI) REPORT,		RI		NIGEL
RPT	00166	NAVY	VOLUME III OF IV (APPENDICES) {SEE AR				181-03-0179
N62474-94-D-7609	00.0	MCFADDEN,	#1577, 1578 & 1580 - VOLS. I, II & IV}				41 OF 46
00500		PATRIC					41074200
N00236 / 001580	11-24-1999	TETRA TECH	DRAFT FINAL OPERABLE UNIT 1 (OU 1)	ADMIN RECORD	OU	OU 1	FRC - LAGUNA
	01-18-1999	SHARMA, MUKUL	REMEDIAL INVESTIGATION (RI) REPORT,		RI		NIGEL
RPT	00166	NAVY	VOLUME IV OF IV (APPENDIX D) {SEE AR				181-03-0179
N62474-94-D-7609	00.0	MCFADDEN,	#1577, 1578 & 1579 - VOLS. I, II & III}				41 OF 46
01000		PATRIC					41074200
N00236 / 001621	11-24-1999	TETRA TECH EM	DRAFT OPERABLE UNIT 1 (OU 1)	ADMIN RECORD	FS	006	FRC - LAGUNA
	04-08-1999	INC.	FEASIBILITY STUDY (FS) REPORT			007	NIGEL
RPT	00166	SHARMA, MUKUL				008	181-03-0179
N62474-94-D-7609	00.0	NAVFAC -				015	43 OF 46
00500		SOUTHWEST				016	41074200
		DIVISION				OU 1	
		P. MCFADDEN					

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Contr./Guid. No.	CTO No.	Recipient Affil.				FRC Warehouse Loc.	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001680	01-21-2000	NAVFAC -	DRAFT RESTORATION ADVISORY BOARD	ADMIN RECORD	FS	001	FRC - LAGUNA
NONE	07-06-1999	WESTERN	(RAB) MEETING SUMMARY FOR 6 JULY	CONFIDENTIAL	RAB	002	NIGEL
MM	NONE	DIVISION	1999 (INCLUDES AGENDA, HANDOUTS AND		RI	006	181-03-0179
NONE	10.4		SIGN-IN SHEETS) SIGN-IN SHEET IS		TECH MEMO	007	45 OF 46
00050		NAVFAC -	CONFIDENTIAL		TPH	008	
		WESTERN			UST	015	41074200
		DIVISION				016	
						017	
						025	
						BLDG. 400	
						BLDG. 5	
						OU 1	
						OU 2	
						OU 3	
						OU 4	
N00236 / 000713	06-16-2003	TETRA TECH EM	BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	MTG MINS	015	FRC - LAGUNA
TC.A021.10075	07-20-1999	INC.	(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO	RAB		NIGEL
MM	DO 0021		TRACKING MEETING MINUTES FOR	REPOSITORY			181-03-0188
N68711-00-D-0005		NAVFAC -	ENVIRONMENTAL ACTIONS FOR THE 20				14 OF 17
00050		SOUTHWEST	JULY 1999 MEETING - INCLUDES				
		DIVISION	ATTENDANCE LIST, AGENDA, AND				RF5258
			VARIOUS HANDOUTS				

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Contr./Guid. No.	CTO No.	Recipient Affil.			FRC Warehouse Loc.		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001679	01-21-2000	NAVFAC -	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR 3 AUGUST 1999 (INCLUDES AGENDA, HANDOUTS AND SIGN-IN SHEETS)	ADMIN RECORD	FS	001	FRC - LAGUNA
NONE	08-03-1999	WESTERN			PCB	002	NIGEL
MM	NONE	DIVISION			RAB	003	181-03-0179
NONE	10.4				RI	004	45 OF 46
00015		NAVFAC -			UXO	005	41074200
		WESTERN				009	
		DIVISION				010	
						013	
						014	
						017	
						019	
						020	
						021	
						022	
						023	
						024	
						025	
						1112	
						360	
						400	
						410	
						BLDG. 14	
						BLDG. 162	
						BLDG. 5	
						OU 1	
						OU 2	
						OU 3	
						OU 4	

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000714 TC.A021.10075 MM N68711-00-D-0005 00050	06-16-2003 08-17-1999 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS FOR THE 17 AUGUST 1999 MEETING - INCLUDES ATTENDANCE LIST, AGENDA, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS	015 OU 2	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 000041 NONE RPT N62474-94-D-7609 00010	11-20-2000 08-23-1999 00124	TETRA TECH EM INC. P. BOUCHER NAVFAC - WESTERN DIVISION R. YEE	DRAFT FINAL APPROACH FOR COMPLETION OF THE REMEDIAL INVESTIGATION (RI) AND FEASIBILITY STUDY (FS)REPORT AND PROPOSED PLAN (PP) FOR THE STORM DRAIN SYSTEM	ADMIN RECORD INFO REPOSITORY	FS PP RI	018 OU 1 OU 2	SOUTHWEST DIVISION - BLDG. 110 PW - 80462377

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001678	01-21-2000	NAVFAC -	DRAFT RESTORATION ADVISORY BOARD	ADMIN RECORD	BTEX	003	FRC - LAGUNA
NONE	09-07-1999	WESTERN	(RAB) MEETING SUMMARY FOR 7		EBS	004	NIGEL
MM	NONE	DIVISION	SEPTEMBER 1999 (INCLUDES AGENDA,		RAB	005	181-03-0179
NONE	10.4		HANDOUTS AND SIGN-IN SHEETS)		TPH	009	45 OF 46
00050		NAVFAC -				010	
		WESTERN				011	41074200
		DIVISION				012	
						013	
						014	
						015	
						019	
						021	
						022	
						023	
						025	
						BLDG. 14	
						BLDG. 400	
						BLDG. 410	
						BLDG. 5	
						BLDG. 530	
						OU 2	
N00236 / 001677	01-21-2000	NAVFAC -	DRAFT RESTORATION ADVISORY BOARD	ADMIN RECORD	BTEX	001	FRC - LAGUNA
NONE	10-05-1999	WESTERN	(RAB) MEETING SUMMARY FOR 5		FFA	002	NIGEL
MM	NONE	DIVISION	OCTOBER 1999 (INCLUDES AGENDA,		RAB	005	181-03-0179
NONE	10.4		HANDOUTS AND SIGN-IN SHEETS)		TDS	010	45 OF 46
00020		NAVFAC -			UST	014	
		WESTERN				025	41074200
		DIVISION				BLDG. 400	
						BLDG. 5	
						OU 1	
						OU 2	
						OU 3	

UIC No. / Rec. No.						Location	
Doc. Control No.	Prc. Date	Author Affil.			FRC Access. No.		
Record Type	Record Date	Author			FRC/SWDIV Box No.		
Contr./Guid. No.	CTO No.	Recipient Affil.			FRC Warehouse Loc.		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001676	01-21-2000	NAVFAC -	DRAFT RESTORATION ADVISORY BOARD	ADMIN RECORD	EBS	001	FRC - LAGUNA
NONE	11-11-1999	SOUTHWEST	(RAB) MEETING SUMMARY OF 11		EIS	002	NIGEL
MM	NONE	DIVISION	NOVEMBER 1999 (INCLUDES 11/2/99		FFA	004	181-03-0179
NONE	10.4		AGENDA, HANDOUTS AND SIGN-IN		FOSET	006	45 OF 46
00030		NAVFAC -	SHEETS)		FOST	007	
		SOUTHWEST			GW	008	41074200
		DIVISION			PCB	010	
					RAB	012	
					UXO	015	
					VOC	016	
						017	
						018	
						020	
						024	
						025	
						BLDG. 400	
						BLDG. 5	
						OU 1	
						OU 2	
						OU 3	
						OU 4	
N00236 / 001058	11-24-1999	NAVY	NOTIFICATION OF PUBLIC COMMENT	INFO	CA	015	FRC - LAGUNA
	01-01-2000		PERIOD, EE/CA REPORT, SITE 15	REPOSITORY	EE		NIGEL
PUBN	NONE		REMOVAL ACTION (RM)		RM		181-03-0179
NONE	00.0						30 OF 46
00000							41074200

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000511 TC.A021.10074 MM N68711-00-D-0005 00008	06-11-2003 01-04-2000 DO 21	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 04 JANUARY 2000 MEETING	ADMIN RECORD INFO REPOSITORY	B(A)P MTG MINS RAB	001 002 005 010 014 025 BLDG. 400 OU 1 OU 2 OU 3 OU 4	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258
N00236 / 001681 NONE MM NONE 00026	02-15-2000 01-04-2000 NONE	NAVFAC - WESTERN DIVISION NAVFAC - SOUTHWEST DIVISION	RESOTRATION ADVISORY BOARD (RAB) MEETING MINUTES FROM JANUARY 4, 2000. (WITH ENCLOSURES)	ADMIN RECORD INFO REPOSITORY	CAP CEQA FS MTG MINS OU RAB UST	001 002 005 010 025 BLDG. 400 BLDG. 5 OU 1 OU 2 OU 3 OU 4	FRC - LAGUNA NIGEL 181-03-0179 45 OF 46 41074200
N00236 / 000515 TC.A021.10074 MM N68711-00-D-0005 00012	06-11-2003 03-07-2000 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 04 JANUARY 2000 MEETING	ADMIN RECORD	MTG MINS RAB	025 OU 1 OU 2 OU 3 OU 4	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001692	04-27-2000	TETRA TECH EM	FINAL - FEASIBILITY STUDY FOR THE	ADMIN RECORD	FS	002	FRC - LAGUNA
NONE	03-31-2000	INC.	MARSH CRUST AND THE FORMER		PAH	003	NIGEL
RPT	0236 & 0245	R. REISIG	SUBTIDAL AREA		PCB	004	181-03-0179
N62474-94-D-7609		NAVFAC -			RI	005	46 OF 46
00200		SOUTHWEST			TPH	006	
		DIVISION			UST	007	41074200
					VOC	OU 1	
						OU 2	
						OU 3	
N00236 / 000718	06-16-2003	TETRA TECH EM	BRAC CLEANUP TEAM MONTHLY	ADMIN RECORD	MTG MINS	004	FRC - LAGUNA
TC.A021.10075	04-18-2000	INC.	TRACKING AGENDA FOR THE 18 APRIL	INFO		014	NIGEL
MISC	DO 0021		2000 MEETING	REPOSITORY		015	181-03-0188
N68711-00-D-0005		NAVFAC -					15 OF 17
00002		SOUTHWEST					
		DIVISION					RF5258
N00236 / 000554	06-11-2003	TETRA TECH EM	RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	MTG MINS	006	FRC - LAGUNA
TC.A021.10074	05-02-2000	INC.	MEETING SUMMARY FOR THE 02 MAY 2000		RAB	014	NIGEL
MM	DO 0021		MEETING			015	181-03-0188
N68711-00-D-0005		NAVFAC -				016	13 OF 17
00010		SOUTHWEST				025	
		DIVISION				OU 1	RF5258
						OU 2	
						OU 3	
						OU 4	

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001702	06-16-2000	TETRA TECH EM	INTERNAL DRAFT - RECORD OF	ADMIN RECORD	HHRA	001	FRC - LAGUNA
NONE	05-05-2000	INC.	DECISION/REMEDIAL ACTION PLAN FOR		PAH	002	NIGEL
RPT	00271	M. REISIG	THE MARSH CRUST GROUNDWATER		PCB	003	181-03-0179
N62474-94-D-7609		NAVFAC -	(ANNEX) AND THE MARSH CRUST AND		ROD	004	46 OF 46
00100		SOUTHWEST	FORMER SUBTIDAL AREA (POINT)		SVOC	006	41074200
		DIVISION			TDS	OU 1	
					TPH	OU 2	
					VOC	OU 3	
						OU 4	
						WELL S27	
N00236 / 000719	06-16-2003	TETRA TECH EM	BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	MTG MINS	OU 1	FRC - LAGUNA
TC.A021.10075	05-16-2000	INC.	(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO	PAH	OU 3	NIGEL
MM	DO 0021		TRACKING MEETING MINUTES FOR AFTER	REPOSITORY			181-03-0188
N68711-00-D-0005		NAVFAC -	ACTION REPORT FOR THE 16 MAY 2000				15 OF 17
00004		SOUTHWEST	MEETING				RF5258
		DIVISION					
N00236 / 000560	06-11-2003	TETRA TECH EM	RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10074	06-06-2000	INC.	MEETING SUMMARY FOR THE 06 JUNE		PCB	025	NIGEL
MM	DO 0021		2000 MEETING		RAB	OU 1	181-03-0188
N68711-00-D-0005		NAVFAC -				OU 2	13 OF 17
00008		SOUTHWEST				OU 4	RF5258
		DIVISION					
N00236 / 000568	06-11-2003	TETRA TECH EM	RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	MTG MINS	015	FRC - LAGUNA
TC.A021.10074	07-11-2000	INC.	MEETING SUMMARY FOR THE 11 JULY		RAB	023	NIGEL
MM	DO 0021		2000 MEETING		VOC	025	181-03-0188
N68711-00-D-0005		NAVFAC -				OU 2	13 OF 17
00010		SOUTHWEST				OU 2A	RF5258
		DIVISION				OU 2B	
						OU 2C	
						OU 3	
						OU 4	
						OU 5	

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000588	06-11-2003	TETRA TECH EM	RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	DCBZ	003	FRC - LAGUNA
TC.A021.10074	08-01-2000	INC.	MEETING SUMMARY FOR THE 01 AUGUST		MTG MINS	006	NIGEL
MM	DO 0021		2000 MEETING		PAH	007	181-03-0188
N68711-00-D-0005		NAVFAC -			RAB	008	13 OF 17
00008		SOUTHWEST			TCE	014	
		DIVISION				015	RF5258
						016	
						OU 1	
						OU 2	
						OU 3	
						PARCEL 168	
N00236 / 000590	06-11-2003	TETRA TECH EM	RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	MTG MINS	001	FRC - LAGUNA
TC.A021.10074	10-03-2000	INC.	MEETING SUMMARY FOR THE 03		PAH	002	NIGEL
MM	DO 0021		OCTOBER 2000 MEETING		PCB	005	181-03-0188
N68711-00-D-0005		NAVFAC -			RAB	007	13 OF 17
00010		SOUTHWEST				013	
		DIVISION				025	RF5258
						OU 1	
						OU 2	
						OU 2A	
						OU 2B	
						OU 2C	
						OU 3	
						OU 4	
						OU 5	
						OU 7	
N00236 / 000591	06-11-2003	TETRA TECH EM	RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	DCA	007	FRC - LAGUNA
TC.A021.10074	11-07-2000	INC.	MEETING SUMMARY FOR THE 07		DCE	027	NIGEL
MM	DO 021		NOVEMBER 2000 MEETING		MTG MINS	OU 1	181-03-0188
N68711-00-D-0005		NAVFAC -			PCE		13 OF 17
00012		SOUTHWEST			RAB		
		DIVISION			TCA		RF5258
					TCE		

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000042	12-18-2000	TETRA TECH EM	DRAFT FINAL STORM SEWER STUDY	ADMIN RECORD	AST	OU 1	SOUTHWEST
DS.0202.13653	12-04-2000	INC.	REPORT {SEE AR #7 - DRAFT FINAL	INFO	BCT	OU 2A	DIVISION - BLDG.
RPT	00202	N. HUTCHISON	STORM SEWER STUDY REPORT	REPOSITORY	BRAC	OU 2B	110
N62474-94-D-7609		NAVFAC -	ADDENDUM & #240 - TECHNICAL		BTEX	OU 2C	
00400		SOUTHWEST	MEMORANDUM ADDENDUM}.		EE/CA	OU 3	PW - 80462377
		DIVISION	***COMMENTS: *NOTE: AS PER RPM,		IR	OU 4A	
			GLENN CLARK ON 09/25/01; BOTH THE		OU	OU 5	
			DRAFT FINAL STORM SEWER STUDY		PAH		
			REPORT/ADDENDUM PERTAIN TO THE		PCB		
			TECHNICAL MEMORANDUM ADDENDUM,		RI		
			DATED 08/30/01}***		RI/FS		
					SVOC		
					TPH		
					UST		
					VOC		
N00236 / 000048	12-26-2000	TETRA TECH EM	DRAFT REMOVAL ACTION, ACTION	ADMIN RECORD	ACTMEMO	015	SOUTHWEST
DS.0386.15569 &	12-19-2000	INC.	MEMORANDUM ADDENDUM (INCLUDES	INFO	EE/CA		DIVISION - BLDG.
SWDIV SER	00386	A. DRISCOLL	TRANSMITTAL LETTER TO USEPA FROM G.	REPOSITORY	OU		110
06CA.GC/1038		NAVFAC -	CLARK) (SEE AR #88 - COMMENTS BY		PCB		
MEMO		SOUTHWEST	CRWQCB, #89 - COMMENTS BY DTSC, #90 -		REMOVAL		PW - 80462377
N62474-94-D-7609		DIVISION	COMMENTS BY EPA, #246 - REVISED		RI		
00025			ADDENDUM & #1155 - FINAL ACTION MEMO)				

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000055 DS.0385.15989 & SWDIV SER 06CA.GL/1043 PLAN N62474-94-D-7609 00700	01-10-2001 12-28-2000 00385	TETRA TECH EM INC. N. HUTCHISON NAVFAC - SOUTHWEST DIVISION G. LORTON	DRAFT FIELD SAMPLING PLAN (FSP) - SUPPLEMENTAL REMEDIAL INVESTIGATION DATA GAP SAMPLING - INCLUDES TRANSMITTAL LETTER BY G. LORTON	ADMIN RECORD INFO REPOSITORY	BTEX DCA DCE DDT DQO FSP MTBE PAH PCB PVC RI SVOC TCA TCE TPH VOC	OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0179 1 OF 46 41074200
N00236 / 000593 TC.A021.10074 MM N68711-00-D-0005 00010	06-11-2003 01-02-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 02 JANUARY 2001 MEETING	ADMIN RECORD	DDT MTG MINS PAH PCB RAB	002 015 OU 1 OU 3 OU 4	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258
N00236 / 000088 2199.9285 (LBJ) LTR NONE 00002	06-25-2001 01-12-2001 NONE	CRWQCB, OAKLAND, CA B. JOB NAVFAC - SOUTHWEST DIVISION M. MCCLELLAND	REVIEW AND COMMENTS ON THE DRAFT REMOVAL ACTION, ACTION MEMORANDUM ADDENDUM {SEE AR #48 - ACTION MEMORANDUM, #89 - COMMENTS BY DTSC, & #90 - COMMENTS BY EPA}	ADMIN RECORD INFO REPOSITORY	ACTMEMO COMMENTS PCB REMOVAL	015	FRC - LAGUNA NIGEL 181-03-0179 3 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000007 TC.0202.10421 & EFAW SER 612.14/L0044 RPT N62474-94-D-7609 00140	08-17-2000 01-15-2001 00202	TETRA TECH EM INC. N. HUTCHISON NAVFAC - SOUTHWEST DIVISION G. CLARK	DRAFT FINAL STORM SEWER STUDY REPORT, TOTAL PETROLEUM HYDROCARBON (TPH) ADDENDUM - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK, RESPONSE TO COMMENTS ON THE DRAFT STORM SEWER STUDY REPORT DATED SEPTEMBER 1999 (*SEE COMMENTS). ***COMMENTS: *AND RESPONSE TO COMMENTS ON THE FINAL PROJECT CLOSURE REPORT DATED OCTOBER 1997 WITH ATTACHMENT A - TECHNICAL MEMORANDUM FOR REDEFINITION AND CLOSEOUT DATED FEBRUARY 16, 2000 {SEE AR #42 - DRAFT FINAL STORM SEWER REPORT & #240 - TECHNICAL MEMORANDUM ADDENDUM} *NOTE: AS PER RPM, GLENNA CLARK ON 09/25/01; BOTH THE DRAFT FINAL STORM SEWER STUDY REPORT/ADDENDUM PERTAIN TO THE TECHNICAL MEMORANDUM ADDENDUM, DATED 08/30/01}***	ADMIN RECORD INFO REPOSITORY	BTEX GW IR OU RI/FS SITE SVOC TPH	018 OU 1 OU 2A OU 2B OU 2C OU 3 OU 4A OU 5	FRC - LAGUNA NIGEL 181-03-0179 1 OF 46 41074200
N00236 / 000692 TC.A021.10075 MM N68711-00-D-0005 00010	06-17-2003 01-16-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 09 DECEMBER 1996 MEETING - INCLUDES AGENDA	ADMIN RECORD INFO REPOSITORY	MTG MINS TPH	004 009 011 015 016 021	FRC - LAGUNA NIGEL 181-03-0188 14 OF 17 RF5258
N00236 / 000089 NONE LTR NONE 00002	06-25-2001 01-17-2001 NONE	DTSC, BERKELEY, CA M. CASSA NAVFAC - SOUTHWEST DIVISION G. CLARK	REVIEW AND COMMENTS ON THE DRAFT REMOVAL ACTION, ACTION MEMORANDUM ADDENDUM (PORTIONS OF THE MAILING LIST IS CONFIDENTIAL) {SEE AR #48 - ACTION MEMORANDUM, #88 - COMMENTS BY CRWQCB, & #90 - COMMENTS BY EPA}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	ACTMEMO COMMENTS PCB REMOVAL	015	FRC - LAGUNA NIGEL 181-03-0179 3 OF 46 41074200

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000090 NONE LTR NONE 00002	06-25-2001 01-18-2001 NONE	U.S. EPA, SAN FRANCISCO, CA A. COOK NAVFAC - SOUTHWEST DIVISION G. CLARK	REVIEW AND COMMENTS ON THE DRAFT REMOVAL ACTION, ACTION MEMORANDUM ADDENDUM {SEE AR #48 - ACTION MEMORANDUM, #88 - COMMENTS BY CRWQCB, #89 - COMMENTS BY DTSC}	ADMIN RECORD INFO REPOSITORY	ACTMEMO COMMENTS PCB REMOVAL	015	FRC - LAGUNA NIGEL 181-03-0179 3 OF 46 41074200
N00236 / 000594 TC.A021.10074 MM N68711-00-D-0005 00013	06-11-2003 02-06-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 06 FEBRUARY 2001 MEETING	ADMIN RECORD	MTG MINS RAB TPH VOC	004 005 006 007 008 009 010 011 012 013 014 015 016 019 021 022 023 OU 1 OU 2A OU 2B OU 2C	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000074 TC.0166.10910 & SWDIV SER 06CA.GC/0317 PLAN N62474-94-D-7609 00011	03-29-2001 03-26-2001 00166	TETRA TECH EM INC. C. HUNTER NAVFAC - SOUTHWEST DIVISION G. CLARK	WETLAND DELINEATION WORK PLAN - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK (PORTIONS OF THE MAILING LIST ARE CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	PCB SOIL WORK PLAN	015	FRC - LAGUNA NIGEL 181-03-0179 2 OF 46 41074200
N00236 / 000596 TC.A021.10074 MM N68711-00-D-0005 00019	06-11-2003 04-03-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 03 APRIL 2001 MEETING - INCLUDES MEETING AGENDA AND SIGN-IN SHEETS	ADMIN RECORD	DDT MTG MINS PAH RAB	014 015 017 024 025 OU 1 OU 2 OU 4	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258
N00236 / 000732 TC.A021.10075 MM N68711-00-D-0005 00010	06-17-2003 04-17-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 17 APRIL 2001 MEETING - INCLUDES AGENDA	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH TPH	002 015 OU 1 OU 2 OU 6 UST 608	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 000604 TC.A021.10074 MM N68711-00-D-0005 00014	06-11-2003 05-01-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 01 MAY 2001 MEETING - INCLUDES MEETING AGENDA AND SIGN-IN SHEETS	ADMIN RECORD	MTG MINS PAH RAB	025 OU 1 OU 2 OU 3 OU 4 OU 4A	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000187 DS.0385.16940 & SWDIV SER 06CA.GL/0546 PLAN N62474-94-D-7609 01000	07-05-2001 05-14-2001 00385	TETRA TECH EM INC. N. HUTCHISON NAVFAC - SOUTHWEST DIVISION G. LORTON	DRAFT FINAL FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN (FSP/QAPP), SUPPLEMENTAL REMEDIAL INVESTIGATION DATA GAPS SAMPLING - INCLUDES SWDIV TRANSMITTAL LETTER BY G. LORTON {SEE AR #229 - ADDENDUM A, #239 - ADDENDUM B & #252 - ADDENDUM C}	ADMIN RECORD INFO REPOSITORY	BTEX DCA DCE DDT DQO FSP MTBE PAH PCB PCE PVC QAPP RI SVOC TCA TCDD TCE TEPH TPH VOC	OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0179 9 OF 46 41074200
N00236 / 000182 TC.0166.10981 & SWDIV SER 06CA.GC/0511 RPT N62474-94-D-7609 00022	07-05-2001 05-15-2001 00166	TETRA TECH EM INC. C. HUNTER NAVFAC - SOUTHWEST DIVISION G. CLARK	WETLAND DELINEATION REPORT - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK	ADMIN RECORD INFO REPOSITORY		015	FRC - LAGUNA NIGEL 181-03-0179 9 OF 46 41074200
N00236 / 000736 TC.A021.10075 MM N68711-00-D-0005 00010	06-17-2003 06-19-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 19 JUNE 2001 MEETING - INCLUDES AGENDA	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH PCB	014 OU 1 OU 2 UST 608	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000737 TC.A021.10075 MM N68711-00-D-0005 00016	06-17-2003 07-17-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 17 JULY 2001 MEETING - INCLUDES AGENDA AND SIGN-IN SHEET	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH	015 023 025 026 027 028	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 000231 DS.0386.15563 & SWDIV SER 06CA.GC/0868 PLAN N62474-94-D-7609 00250	09-21-2001 07-23-2001 00386	TETRA TECH EM INC. G. SWANSON NAVFAC - SOUTHWEST DIVISION G. CLARK	DRAFT FIELD SAMPLING PLAN/QUALITY ASSURANCE PROJECT PLAN (FSP/QAPP) FOR REMOVAL ACTION CONFIRMATION SAMPLING - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK (A PORTION OF THE MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	DQO FSP QAPP REMOVAL	005 014 015	FRC - LAGUNA NIGEL 181-03-0179 11 OF 46 41074200
N00236 / 000208 1477.1 & SWDIV SER 06CA.GC/0761 PLAN N62474-98-D-2076 00240	08-09-2001 07-26-2001 00071	IT CORPORATION NAVFAC - SOUTHWEST DIVISION	DRAFT PROJECT PLANS, SOIL REMOVAL ACTIONS - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK (A PORTION OF THE MAILING LIST IS CONFIDENTIAL) [SEE AR #265 - EPA COMMENTS]. ***COMMENTS: *NOTE: AS PER RPM GLENNA CLARK 08/09/01, REVISION 0 OF THIS DOCUMENT IS THE PRELIMINARY DRAFT, AND WILL NOT BE SUBMITTED TO THE ADMINISTRATIVE RECORD***	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	H&SP REMOVAL SAP SOIL WORK PLAN	005 014 015	FRC - LAGUNA NIGEL 181-03-0179 10 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000229 DS.0385.17292 & SWDIV SER 06CA.GL/0852 PLAN N62474-94-D-7609 00150	09-21-2001 08-23-2001 00385	TETRA TECH EM INC. N. HUTCHISON NAVFAC - SOUTHWEST DIVISION G. LORTON	ADDENDUM A - FINAL FIELD SAMPLING PLAN, SUPPLEMENTAL REMEDIAL INVESTIGATION DATA GAP SAMPLING - INCLUDES SWDIV TRANSMITTAL LETTER BY G. LORTON {SEE AR #187 - DRAFT FINAL FSP/QAPP, #239 - ADDENDUM B & #252 - ADDENDUM C}	ADMIN RECORD INFO REPOSITORY	BTEX DATA DQO FSP PAH PCB PCE PVC RI SVOC TCA TCE TPH TPPH VOA VOC	OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0179 11 OF 46 41074200
N00236 / 000246 DS.0386.15765 & SWDIV SER 06CA.GC/0868 MISC N62474-94-D-7609 00300	10-10-2001 08-24-2001 00386	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	REVISED DRAFT LEAD NON-TIME CRITICAL REMOVAL ACTION, ACTION MEMORANDUM ADDENDUM - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK (A PORTION OF THE MAILING LIST IS CONFIDENTIAL) {SEE AR #48 - DRAFT ADDENDUM, DATED 12/19/00 & #1155 - FINAL ACTION MEMORANDUM}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	ACTMEMO LEAD NTCRA PCB REMOVAL ACTIO TOC	015	FRC - LAGUNA NIGEL 181-03-0179 12 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000239	09-21-2001	TETRA TECH EM	ADDENDUM B - FINAL FIELD SAMPLING	ADMIN RECORD	BTEX	OU 1	FRC - LAGUNA
DS.0385.17345 &	08-27-2001	INC.	PLAN, SUPPLEMENTAL REMEDIAL	INFO	DCA	OU 2	NIGEL
SWDIV SER	00385	N. HUTCHISON	INVESTIGATION DATA GAP SAMPLING -	REPOSITORY	DCE		181-03-0179
06CA.GL/0852		NAVFAC -	INCLUDES SWDIV TRANSMITTAL LETTER		DDT		12 OF 46
PLAN		SOUTHWEST	BY G. LORTON {SEE AR #187 - DRAFT		FSP		41074200
N62474-94-D-7609		DIVISION	FINAL FSP/QAPP, #229 - ADDENDUM A &		MTBE		
00050		G. LORTON	#252 - ADDENDUM C}		PAH		
					PCB		
					PCE		
					PVC		
					RI		
					SVOC		
					TCA		
					TCDD		
					TCE		
					TEPH		
					TPH		
					TPPH		
					VOC		
N00236 / 000240	09-25-2001	TETRA TECH EM	STORM SEWER STUDY - TECHNICAL	ADMIN RECORD	BTEX	018	FRC - LAGUNA
TC.0202.11178	08-30-2001	INC.	MEMORANDUM ADDENDUM AND	INFO	COMMENTS	OU 1	NIGEL
MEMO	00202	N. HUTCHISON	RESPONSE TO CRWQCB, DTSC, & EPA	REPOSITORY	MTBE	OU 2A	181-03-0179
N62474-94-D-7609		NAVFAC -	COMMENTS {SEE AR #7 - DRAFT FINAL		TECH MEMO	OU 2B	12 OF 46
00050		SOUTHWEST	STORM SEWER STUDY REPORT		TPH	OU 2C	41074200
		DIVISION	ADDENDUM & #42 - DRAFT FINAL STORM			OU 3	
		G. CLARK	SEWER STUDY REPORT}. ***COMMENTS:			OU 4A	
			*NOTE: AS PER RPM, GLENN CLARK ON			OU 5	
			09/25/01; BOTH THE DRAFT FINAL STORM				
			SEWER STUDY REPORT/ADDENDUM				
			PERTAIN TO THE TECHNICAL				
			MEMORANDUM ADDENDUM, DATED				
			08/30/01}***				

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000247 SWDIV SER 06CA.GC/1033 LTR NONE 00003	10-10-2001 09-27-2001 NONE	NAVFAC - SOUTHWEST DIVISION G. CLARK DTSC, BEREKELEY, CA D. MURPHY	IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR REMOVAL ACTIONS (SEE AR #347 - DTSC REPSONSE TO IDENTIFICATION OF ARAR'S}	ADMIN RECORD INFO REPOSITORY	ARAR	014 015	FRC - LAGUNA NIGEL 181-03-0179 12 OF 46 41074200
N00236 / 000347 NONE LTR NONE 00002	03-14-2002 10-02-2001 NONE	DTSC, BERKELEY, CA D. MURPHY NAVFAC - SOUTHWEST DIVISION G.CLARK	RESPONSE TO NAVYS REQUEST FOR IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR) FOR REMOVAL ACTIONS. ***COMMENTS: {SEE AR #247 - NAVYS REQUEST IDENTIFICATION OF ARAR'S AND #348 - NAVY'S RESPONSE TO DTSC LETTER DATED 10/02/01}***	ADMIN RECORD INFO REPOSITORY	ARAR	014 015	FRC - LAGUNA NIGEL 181-03-0188 1 OF 17 RF5258
N00236 / 000609 TC.A021.10074 MM N68711-00-D-0005 00016	06-11-2003 10-02-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 02 OCTOBER 2001 MEETING - INCLUDES MEETING AGENDA AND SIGN-IN SHEETS	ADMIN RECORD	MTG MINS RAB	OU 1 OU 2 OU 3 OU 4 OU 5	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258
N00236 / 000252 DS.0385.17352 & SWDIV SER 06CA.GL/1057 MISC N62474-94-D-7609 00010	10-11-2001 10-04-2001 00385	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	ADDENDUM C - FINAL FIELD SAMPLING PLAN, SUPPLEMENTAL REMEDIAL INVESTIGATION DATA GAP SAMPLING - INCLUDES SWDIV TRANSMITTAL LETTER BY G. LORTON {SEE AR #187 - DRAFT FINAL FSP/QAPP, #229 - ADDENDUM A & #239 - ADDENDUM B}	ADMIN RECORD INFO REPOSITORY	BTEX DATA FSP MTBE QAPP TEPH TPH	OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0179 12 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000265 NONE LTR NONE 00005	11-02-2001 10-12-2001 NONE	USEPA - SF CA A. COOK NAVFAC - SOUTHWEST DIVISION G. CLARK	EPA COMMENTS ON DRAFT PROJECT PLANS, SOIL REMOVAL ACTIONS AT SITES 5, 14, AND 15 (SEE AR #208 - DRAFT PROJECT PLANS)	ADMIN RECORD INFO REPOSITORY	COMMENTS REMOVAL SOIL	005 014 015	FRC - LAGUNA NIGEL 181-03-0179 13 OF 46 41074200
N00236 / 000739 TC.A021.10075 MM N68711-00-D-0005 00050	06-17-2003 10-16-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 16 OCTOBER 2001 MEETING - INCLUDES AGENDA, SIGN-IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS TPH	002 014 015 026	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 000348 SWDIV SER 06CA.GC/1160 LTR NONE 00001	03-14-2002 10-30-2001 NONE	NAVFAC - SOUTHWEST DIVISION G. CLARK DTSC, BERKELEY, CA D. MURPHY	NAVY'S REPONSE TO DTSC LETTER DATED 10/02/01 REQUESTING DIRECTION ON DOCUMENTATION FOR IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR) FOR REMOVAL ACTIONS. ***COMMENTS: {SEE AR #347 - RESPONSE BY DTSC ON ARAR'S}***	ADMIN RECORD INFO REPOSITORY	ARAR	014 015	FRC - LAGUNA NIGEL 181-03-0188 1 OF 17 RF5258
N00236 / 000283 SWDIV SER 06CA.GC/1174 XMTL N62474-94-D-7609 00008	12-03-2001 11-05-2001 NONE	NAVFAC - SOUTHWEST DIVISION G. CLARK US EPA - SAN FRANCISCO A. COOK	TRANSMITTAL OF RESPONSES TO COMMENTS ON THE DRAFT DIOXIN NON- TIME CRITICAL REMOVAL ACTION, ACTION MEMORANDUM (SEE AR #253 - COMMENTS)	ADMIN RECORD INFO REPOSITORY	ACTMEMO ARAR BCT COMMENTS EE/CA NTCRA REMOVAL RESPONSE SOIL	014 OU 1	FRC - LAGUNA NIGEL 181-03-0179 13 OF 46 41074200

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000298 SWDIV SER 06CA.GC\1180 LTR NONE 00004	12-06-2001 11-06-2001 NONE	NAVFAC - SOUTHWEST DIVISION G. CLARK U.S. EPA, SAN FRANCISCO, CA A. COOK	MEETING OF 16 OCTOBER 2001 BETWEEN NAVY AND BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) DETERMINED THAT REMOVAL ACTION FOR LEAD IS NO LONGER WARRANTED AND THEREFORE WILL NOT BE PERFORMED [A PORTION OF THE MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	LEAD REMOVAL	015	FRC - LAGUNA NIGEL 181-03-0179 14 OF 46 41074200
N00236 / 000295 2914 MISC N62474-98-D-2076 00009	12-03-2001 11-15-2001 00071	IT CORPORATION NAVFAC - SOUTHWEST DIVISION	RESPONSE TO EPA COMMENTS ON DRAFT PROJECT PLANS, SOIL REMOVAL ACTIONS AT SITES 5, 14, AND 15 (SEE AR #265 - EPA COMMENTS) (AN ADDRESS ON THE DISTRIBUTION IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS DQO METALS REMEDIAL ACTIO REMOVAL RESPONSE SOIL SOIL BORING WATER	005 014 015	FRC - LAGUNA NIGEL 181-03-0179 13 OF 46 41074200
N00236 / 000303 3044 & SWDIV SER 06CA.GC/1264 PLAN N62474-98-D-2076 00250	12-10-2001 11-30-2001 00071	IT CORPORATION J. MCGUIRE NAVFAC - SOUTHWEST DIVISION	FINAL PROJECT PLANS - WORK PLAN, QUALITY CONTROL PLAN, SAMPLING & ANALYSIS PLAN, & SITE HEALTH & SAFETY PLAN, SOIL REMOVAL ACTIONS - INCLUDES SWDIV TRANSMITTAL LETTER BY G. CLARK [A PORTION OF THE MAILING ADDRESS IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	H&SP PCB REMOVAL SAP SOIL SVOC VOC WORK PLAN	005 014 015	FRC - LAGUNA NIGEL 181-03-0179 14 OF 46 41074200
N00236 / 000741 TC.A021.10075 MM N68711-00-D-0005 00010	06-17-2003 12-18-2001 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 18 DECEMBER 2001 MEETING - INCLUDES AGENDA	ADMIN RECORD INFO REPOSITORY	MTG MINS	004 007 013 014 015 025	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000354 2119.9285 (LMM) LTR NONE 00008	04-10-2002 01-28-2002 NONE	CRWQCB, OAKLAND, CA L. MEILLIER NAVFAC - SOUTHWEST DIVISION R. WEISSENBORN	COMMENTS ON THE DRAFT WORK PLAN FOR BASEWIDE GROUNDWATER MONITORING PROGRAM - INCLUDES CONFIDENTIAL DISTRIBUTION LIST	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS GW MONITORING MTBE PAH PCB SVOC TPH VOC WORK PLAN	004 005 008 009 016 025 026 027 BLDG. 410 OU 1 UST 608-1	FRC - LAGUNA NIGEL 181-03-0188 1 OF 17 RF5258
N00236 / 000743 TC.A021.10075 MM N68711-00-D-0005 00100	06-17-2003 02-19-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 19 FEBRUARY 2002 MEETING - INCLUDES AGENDA, SIGN-IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH	005 014 015 OU 4B OU 4C	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 000353 SWDIV SER 026CA.GC/0184 LTR NONE 00002	03-14-2002 02-26-2002 NONE	NAVFAC - SOUTHWEST DIVISION G. CLARK DTSC, BERKELEY, CA M. LIAO	IDENTIFICATION OF STATE CHEMICAL - SPECIFIC, ACTION-SPECIFIC AND LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR)	ADMIN RECORD INFO REPOSITORY	ARAR	014 015	FRC - LAGUNA NIGEL 181-03-0188 1 OF 17 RF5258
N00236 / 000617 TC.A021.10074 MM N68711-00-D-0005 00030	06-12-2003 03-05-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	DRAFT RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 05 MARCH 2002 MEETING - INCLUDES MEETING AGENDA, SIGN-IN SHEETS, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH RAB TPH	004 005 014 015 018 028 OU 1 OU 3	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258

UIC No. / Rec. No.							Location
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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000746 TC.A021.10075 MM N68711-00-D-0005 00030	06-17-2003 03-26-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 26 MARCH 2002 MEETING - INCLUDES AGENDA, SIGN-IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTBE MTG MINS TPH	014 015 025	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 000359 SWDIV SER 06CA.GC\0346 & TC.0386.11452-1 LTR N62474-94-D-7609 00020	04-10-2002 04-08-2002 00386	NAVFAC - SOUTHWEST DIVISION G. CLARK U.S. EPA, SAN FRANCISCO, CA A. COOK	NAVY'S RESPONSES TO EPA COMMENTS ON THE DRAFT ENGINEERING EVALUATION AND COST ANALYSIS FOR THE NON-TIME CRITICAL LEAD REMOVAL ACTION AT THE WATER TOWER AND ATTENNA SITES [A PORTION OF THE MAILING LIST IS CONFIDENTIAL] {SEE AR #315 - DRAFT EE/CA}. ***COMMENTS: *NOTE: RESPONSES TO COMMENTS WERE PRODUCED BY TETRA TECH. INCLUDES REVISED DTSC COMMENTS THAT WERE SUBMITTED ON 04/16/02 (PAGE 5 OF 5 IS BLANK - ALL COMMENTS ARE PRESENT)***	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS EE/CA LEAD REMOVAL ACTIO WATER	OU 1 OU 2 OU 3 OU 4 OU 5 OU 6 PARCEL 105 PARCEL 106 PARCEL 107 PARCEL 79 PARCEL 98	FRC - LAGUNA NIGEL 181-03-0188 1 OF 17 RF5258
N00236 / 000747 TC.A021.10075 MM N68711-00-D-0005 00100	06-17-2003 04-16-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 16 APRIL 2002 MEETING - INCLUDES AGENDA, SIGN- IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTBE MTG MINS PAH	001 002 004 009 011 014 015 016 021 026 OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000620	06-12-2003	TETRA TECH EM	FINAL RESTORATION ADVISORY BOARD	ADMIN RECORD	MTG MINS	026	FRC - LAGUNA
TC.A021.10074	05-01-2002	INC.	(RAB) MEETING SUMMARY FOR THE 01	INFO	RAB	OU 1	NIGEL
MM	DO 0021		MAY 2002 MEETING - INCLUDES MEETING	REPOSITORY		OU 2	181-03-0188
N68711-00-D-0005		NAVFAC -	AGENDA, SIGN-IN SHEETS, AND VARIOUS			OU 3	13 OF 17
00030		SOUTHWEST	HANDOUTS			OU 4A	RF5258
		DIVISION				OU 5	
N00236 / 000364	06-17-2002	TETRA TECH EM	DRAFT FINAL WATER TOWER & ANTENNA	ADMIN RECORD	ARAR	008	FRC - LAGUNA
TC.0386.11571	05-21-2002	INC.	SITES, LEAD REMOVAL ACTION	INFO	BCT	BLDG. 033	NIGEL
MISC	00386	J. HELGE	ENGINEERING EVALUATION AND COST	REPOSITORY	BRAC	BLDG. 061	181-03-0188
N62474-94-D-7609		NAVFAC -	ANALYSIS (EE/CA)		DUST	BLDG. 088	2 OF 10
00400		SOUTHWEST			EBS	BLDG. 36A	RF5258
		DIVISION			EE/CA	BLDG. 36B	
					LEAD	BLDG. 73B	
					LF	OU 1	
					POTW	OU 2A	
					PRG	OU 2B	
					RCRA	OU 2C	
					RI	OU 3	
					SOIL	OU 4A	
					TANK	OU 4B	
					TPH	OU 4C	
					WATER	OU 5	
						OU 6	
						PARCEL 105	
						PARCEL 106	
						PARCEL 107	
						PARCEL 79	
						PARCEL 98	

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000369 TC.0386.11534 MEMO N62474-94-D-7609 00500	06-18-2002 05-21-2002 00386	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	DRAFT ACTION MEMORANDUM NON-TIME CRITICAL REMOVAL ACTION LEAD IN SOIL AND LEAD BASED PAINT, LEAD PARCELS 79, 98, 105, 106, AND 107 (SEE AR #405 - RESPONSE TO COMMENTS)	ADMIN RECORD INFO REPOSITORY	ACTMEMO ARAR BCT BRAC COPC EE/CA ERA LBP LEAD NCP NTCRA POTW PRG RCRA REMOVAL RI SARA SOIL TRPH	008 BLDG. 73B OU 1 OU 2A OU 2B OU 2C OU 3 OU 4A OU 4B OU 4C OU 5 OU 6 PARCEL 105 PARCEL 106 PARCEL 107 PARCEL 79 PARCEL 98	FRC - LAGUNA NIGEL 181-03-0188 2 OF 10 RF5258
N00236 / 000748 TC.A021.10075 MM N68711-00-D-0005 00040	06-17-2003 05-21-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 21 MAY 2002 MEETING - INCLUDES AGENDA, SIGN- IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH TPH	014 015	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000370	06-18-2002	IT CORPORATION	DRAFT FINAL WORK PLAN CHEMICAL	ADMIN RECORD	COC	009	FRC - LAGUNA
3546	06-07-2002	D. SHAFER	OXIDATION PILOT TESTING FOR REMOVAL	INFO	DCA	011	NIGEL
PLAN	00059	NAVFAC -	ACTIONS AT INSTALLATION RESTORATION	REPOSITORY	DCB	016	181-03-0188
N62474-98-D-2076		SOUTHWEST	SITES 9, 11/21, AND 16, REVISION 0		DCE	021	2 OF 10
00500		DIVISION	(INCLUDES SWDIV TRANSMITTAL LETTER		GW	AREA 37	
			FROM G. CLARK). ***COMMENTS:		IDWMP	BLDG. 14	RF5258
			INCLUDES: SAMPLING AND ANALYSIS		MTBE	BLDG. 162	
			PLAN, SITE HEALTH AND SAFETY PLAN,		PCB	BLDG. 351	
			PROJECT QUALITY CONTROL PLAN,		PCE	BLDG. 398	
			ENVIRONMENTAL PROTECTION PLAN, &		POTW	BLDG. 402	
			INVESTIGATION-DERIVED WASTE		QC	BLDG. 410	
			MANAGEMENT PLAN (SEE AR #1726 -		REMOVAL	BLDG. 586	
			DRAFT FINAL REVISION 1 VERSION)***		SAP	BLDG. 608	
					SOIL BORING	BLDG. 620	
					SOLVENTS	OU 1	
					SOP	OU 2A	
					SSHP		
					SVE		
					SVOC		
					TCE		
					TOC		
					TPH		
					UST		
					VOC		
					WATER		
					WELLS		
					WORK PLAN		

UIC No. / Rec. No.						Location	
Doc. Control No.	Prc. Date	Author Affil.			FRC Access. No.		
Record Type	Record Date	Author			FRC/SWDIV Box No.		
Contr./Guid. No.	CTO No.	Recipient Affil.			FRC Warehouse Loc.		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000367	06-18-2002	NAVFAC -	TRANSMITTAL OF THE DRAFT SITE	ADMIN RECORD	BCT	001	FRC - LAGUNA
SWDIV SER	06-14-2002	SOUTHWEST	MANAGEMENT PLAN AMENDMENT IN	INFO	BRAC	002	NIGEL
06CA.AD/0624	NONE	DIVISION	ACCORDANCE WITH THE FEDERAL	REPOSITORY	CHARACTERIZATI	006	181-03-0188
PLAN		A. DICK	FACILITIES AGREEMENT FOR ACTIVITY		COMMENTS	007	2 OF 10
NONE		US EPA - SAN			CRP	008	
00035		FRANCISCO			FFA	009	RF5258
		A. COOK			FS	013	
					GW	014	
					ORDNANCE	015	
					RD	016	
					RESPONSE	017	
					RI	019	
					ROD	020	
					SEDIMENTS	022	
					SMP	023	
					SOIL	024	
					TECH MEMO	025	
					UXO	026	
					WORK PLAN	027	
						028	
						029	
						AREA 1	
						AREA 2	
						AREA 3	
						OU 1	
						OU 2A	
						OU 2B	
						OU 2C	
						OU 3	
						OU 4A	
						OU 4B	
						OU 4C	
						OU 5	
						OU 6	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000376	06-24-2002	TETRA TECH EM	DRAFT ACTION MEMORANDUM FOR SITES	ADMIN RECORD	ACTMEMO	009	FRC - LAGUNA
TC.0386.11607	06-17-2002	INC.	9 AND 16, DISSOLVED-PHASE	INFO	ARAR	016	NIGEL
MEMO	00386		GROUNDWATER CONTAMINANTS, NON-	REPOSITORY	BCT	BLDG. 351	181-03-0188
N62474-94-D-7609		NAVFAC -	TIME CRITICAL REMOVAL ACTION		BRAC	BLDG. 402	3 OF 17
00400		SOUTHWEST	(INCLUDES SWDIV TRANSMITTAL LETTER		CEQA	BLDG. 410	RF5258
		DIVISION	FROM G. CLARK) {SEE AR #411 -		COC	BLDG. 608	
			RESPONSE TO COMMENTS}		CZMA	OU 1	
					DCB	OU 2A	
					DCE		
					GW		
					NCP		
					NEPA		
					NPL		
					NTCRA		
					PCB		
					PCE		
					POTW		
					PRG		
					RAB		
					REMEDIAL ACTIO		
					REMOVAL		
					ROD		
					SDWA		
					SEDIMENTS		
					SOLVENTS		
					SVE		
					SVOC		
					TCE		
					TEPH		
					TPH		
					UST		
					VOC		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001722 SWDIV SER 06CA.GC/0640 LTR NONE 00002	10-30-2003 06-20-2002 NONE	NAVFAC - SOUTHWEST DIVISION G. CLARK DTSC - BERKELEY M. LIAO	LETTER REQUESTING THAT DTSC IDENTIFY POTENTIAL STATE CHEMICAL- SPECIFIC, ACTION SPECIFIC, AND LOCATION SPECIFIC ARARS	ADMIN RECORD INFO REPOSITORY	ARAR	006 007 008 016 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 000750 TC.A021.10075 MM N68711-00-D-0005 00020	06-17-2003 07-16-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 16 JULY 2002 MEETING - INCLUDES AGENDA, SIGN- IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH	001 002 013 OU 1 OU 2A OU 2B OU 5	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 000405 TC.0386.11651 MISC N62474-94-D-7609 00019	07-29-2002 07-18-2002 00386	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	COMPILED RESPONSE TO COMMENTS ON THE DRAFT ACTION MEMORANDUM NON- TIME CRITICAL REMOVAL ACTION LEAD IN SOIL AND LEAD BASED PAINT [COMMENTS BY DTSC, ARC ECOLOGY - 06/24/02, ALAMEDA POINT COLLABORATIVE - 06/17/02, & THE SIERRA CLUB - 06/23/02] W/ENCLOSURES. ***COMMENTS: INCLUDES SWDIV TRANSMITTAL LETTER FROM G. CLARK WHICH CONTAINS A CONFIDENTIAL ADDRESS***	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	ACTMEMO BCT BRAC COC COMMENTS LEAD METALS NTCRA PRG REMOVAL RESPONSE SOIL	008 BLDG. 23 BLDG. 24 BLDG. 73B OU 1 OU 2A OU 2B OU 2C OU 3 OU 4A OU 4B OU 4C OU 5 OU 6 PARCEL 105 PARCEL 106 PARCEL 107 PARCEL 79 PARCEL 98	FRC - LAGUNA NIGEL 181-03-0188 3 OF 17 RF5258

UIC No. / Rec. No.						Location	
Doc. Control No.	Prc. Date	Author Affil.				FRC Access. No.	
Record Type	Record Date	Author				FRC/SWDIV Box No.	
Contr./Guid. No.	CTO No.	Recipient Affil.				FRC Warehouse Loc.	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000406	08-06-2002	TETRA TECH EM	DATA SUMMARY REPORT -	ADMIN RECORD	BGS	003	FRC - LAGUNA
DS.0385.15645	07-25-2002	INC.	SUPPLEMENTAL REMEDIAL	INFO	BTEX	004	NIGEL
RPT	00385	N. HUTCHISON	INVESTIGATION DATA GAPS SAMPLING	REPOSITORY	CHARACTERIZATI	005	181-03-0188
N62474-94-D-7609		NAVFAC -	FOR OPERABLE UNITS 1 & 2, (OU 1, OU 2)		COC	006	3-4 OF 17
01500		SOUTHWEST	VOLUMES 1-3. ***COMMENTS: NOTE: FRC		CYANIDE	009	
		DIVISION	BOX NUMBER - VOLUMES 1 AND 2 OF 3		DATA	013	RF5258
		G. LORTON	(FOLDER 1 AND 2 OF 3) IS IN BOX 3;		DCA	014	
			VOLUMES 3 OF 3 (FOLDER 3 OF 3) IS IN		DCE	015	
			BOX 4***		DQO	016	
					GW	019	
					PCB	021	
					PCE	022	
					REMOVAL	023	
					RI	BLDG. 14	
					SEDIMENTS	BLDG. 162	
					SOIL	BLDG. 397	
					SVOC	BLDG. 398	
					TCE	BLDG. 400	
					TEPH	BLDG. 41	
					TPH	BLDG. 410	
					UST	BLDG. 497	
					VOC	BLDG. 5	
						BLDG. 528	
						BLDG. 608	
						OU 1	
						OU 2	
						OU 2A	
						OU 2B	
						OU 2C	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000421	08-29-2002	TETRA TECH EM	DRAFT REMEDIAL INVESTIGATION	ADMIN RECORD	ARAR	014	FRC - LAGUNA
NONE	08-15-2002	INC.	REPORT FOR THE FORMER FIRE-FIGHTER	INFO	ARSENIC	015	NIGEL
RPT	DO 32	C. HUNTER	TRAINING AREA AND THE FORMER	REPOSITORY	AST	BLDG. 120	181-03-0188
N68711-00-D-0005		NAVFAC -	TRANSFORMER STORAGE AREA,		BCT	BLDG. 121	5 OF 17
01300		SOUTHWEST	VOLUMES I & II [INCLUDES SWDIV		BGS	BLDG. 122	
		DIVISION	TRANSMITTAL LETTER FROM G. CLARK]		BRAC	BLDG. 179	RF5258
		G. CLARK			BTEX	BLDG. 206	
					CAA	BLDG. 207	
					CANCER	BLDG. 26	
					COC	BLDG. 27	
					COPC	BLDG. 283	
					DCE	BLDG. 301	
					DDD	BLDG. 388	
					DDT	BLDG. 389	
					DQO	BLDG. 443	
					EDB	BLDG. 528	
					ERA	OU 1	
					FS		
					GW		
					METALS		
					PAH		
					PCB		
					PCE		
					PRG		
					RFA		
					RI		
					SOIL		
					SVOC		
					TCDD		
					TCE		
					TOC		
					TPH		
					UST		
					VOC		

UIC No. / Rec. No.			Location				
Doc. Control No.	Prc. Date	Author Affil.	FRC Access. No.				
Record Type	Record Date	Author	FRC/SWDIV Box No.				
Contr./Guid. No.	CTO No.	Recipient Affil.	FRC Warehouse Loc.				
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000412	08-29-2002	TETRA TECH EM	DRAFT SUPPLEMENTAL ENVIRONMENTAL	ADMIN RECORD	ASBESTOS	001	FRC - LAGUNA
TC.0190.11423 -	08-16-2002	INC.	BASELINE SURVEY (SEE AR #1054 - EBS)	INFO	AST	002	NIGEL
MOD. 2	00190	G. FOULK		REPOSITORY	BCP	003	181-03-0188
RPT		NAVFAC -			BCT	004	4 OF 17
N62474-94-D-7609		SOUTHWEST			BGS	005	BOX 4 OF 17 -
00400		DIVISION			BRAC	006	CHECKED OUT
					CAA	007	BY L. O'CAMPO
					DDT	008	ON 9/22/04 (X 2-
					EBS	009	0969)
					EIS	010	RF5258
					EOD	011	
					FOST	012	
					FS	013	
					GW	014	
					HAZ WASTE	015	
					LUST	016	
					MEK	017	
					NFA	019	
					NPL	020	
					ORDNANCE	021	
					PAH	022	
					PCB	023	
					RCRA	024	
					REMEDIAL ACTIO	025	
					RFA	026	
					RFI	027	
					RI	028	
					ROD	029	
					SOIL	OU 1	
					SVOC	OU 2A	
					SWMU	OU 2B	
					TPH	OU 2C	
					TSCA	OU 3	
					UST	OU 4A	
					VOC	OU 4B	

UIC No. / Rec. No.						Location	
Doc. Control No.	Prc. Date	Author Affil.				FRC Access. No.	
Record Type	Record Date	Author				FRC/SWDIV Box No.	
Contr./Guid. No.	CTO No.	Recipient Affil.				FRC Warehouse Loc.	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
					WATER	OU 4C	
						OU 5	
						OU 6	
N00236 / 000426	09-25-2002	IT CORPORATION	DRAFT WORK PLAN REMOVAL ACTIONS	ADMIN RECORD	ARAR	008	FRC - LAGUNA
4284	08-16-2002		FOR PARCELS 79, 98, 105, 106, AND 107	INFO	BGS	OU 1	NIGEL
PLAN	00088	NAVFAC -	[INCLUDES SWDIV TRANSMITTAL LETTER	REPOSITORY	EE/CA	PARCEL 105	181-03-0188
N62474-98-D-2076		SOUTHWEST	FROM G. CLARK]. ***COMMENTS:		LEAD	PARCEL 106	5 OF 17
00350		DIVISION	INCLUDES SAMPLING AND ANALYSIS		METALS	PARCEL 107	
			PLAN, PROJECT QUALITY CONTROL PLAN,		PAH	PARCEL 79	RF5258
			AND SITE HEALTH AND SAFETY PLAN***		PCB	PARCEL 98	
					QC		
					REMOVAL		
					SAP		
					SOIL		
					SSHP		
					SVOC		
					TPH		
					VOC		
					WORK PLAN		
N00236 / 000424	09-23-2002	IT CORPORATION	DRAFT REMOVAL ACTION SITE CLOSEOUT	ADMIN RECORD	ARAR	005	FRC - LAGUNA
4427.0	08-20-2002		REPORT, REVISION 0 - REMOVAL ACTION	CONFIDENTIAL	BGS	014	NIGEL
RPT	00071	NAVFAC -	FOR SOIL REMOVAL AT THE AIRCRAFT	INFO	COC	BLDG. 5	181-03-0188
N62474-98-D-2076		SOUTHWEST	REWORK FACILITY AND THE FORMER FIRE	REPOSITORY	GW	BLDG. 5A	5 OF 17
00500		DIVISION	TRAINING AREA [INCLUDES SWDIV		NCP	OU 1	
			TRANSMITTAL LETTER FROM G. CLARK		NPL	OU 2C	RF5258
			WHICH CONTAINS A CONFIDENTIAL		PRG		
			ADDRESS]		REMOVAL		
					SARA		
					SITE CLOSEOUT		
					SOIL		
					TCDD		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000751	06-17-2003	TETRA TECH EM	FINAL BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	MTG MINS	009	FRC - LAGUNA
TC.A021.10075	08-20-2002	INC.	(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO		011	NIGEL
MM	DO 0021		TRACKING MEETING MINUTES FOR THE	REPOSITORY		014	181-03-0188
N68711-00-D-0005		NAVFAC -	AFTER ACTION REPORT FOR THE 20			015	15 OF 17
00050		SOUTHWEST	AUGUST 2002 MEETING - INCLUDES			016	
		DIVISION	AGENDA, SIGN-IN SHEET, AND VARIOUS			020	RF5258
			HANDOUTS			021	
						028	
						OU 5	
N00236 / 000410	08-28-2002	NAVFAC -	TRANSMITTAL OF THE FINAL SITE	ADMIN RECORD	FFA	OU 1	FRC - LAGUNA
SWDIV SER	08-21-2002	SOUTHWEST	MANAGEMENT PLAN AMENDMENT IN	CONFIDENTIAL	SMP	OU 2A	NIGEL
06CA.MM/0847	NONE	DIVISION	ACCORDANCE WITH THE FEDERAL	INFO		OU 2B	181-03-0188
MISC		M. MCCLELLAND	FACILITIES AGREEMENT FOR ACTIVITY -	REPOSITORY		OU 2C	4 OF 17
NONE		US EPA, SF &	INCLUDES CONFIDENTIAL DISTRIBUTION			OU 3	
00020		VARIOUS	LIST			OU 4A	RF5258
		A. COOK &				OU 4B	
		DISTRIBUTION				OU 4C	
						OU 5	
						OU 6	
N00236 / 000624	06-12-2003	TETRA TECH EM	FINAL RESTORATION ADVISORY BOARD	ADMIN RECORD	B(A)P	014	FRC - LAGUNA
TC.A021.10074	09-10-2002	INC.	(RAB) MEETING SUMMARY FOR THE 10	INFO	MTG MINS	015	NIGEL
MM	DO 0021		SEPTEMBER 2002 MEETING - INCLUDES	REPOSITORY	PAH	OU 3	181-03-0188
N68711-00-D-0005		NAVFAC -	MEETING AGENDA, SIGN-IN SHEETS, AND		PCB	OU 5	13 OF 17
00040		SOUTHWEST	VARIOUS HANDOUTS		RAB		
		DIVISION					RF5258
N00236 / 001918	01-05-2005	HERD -	REVIEW AND COMMENT ON THE DRAFT	ADMIN RECORD	COMMENTS	014	SOUTHWEST
NONE	09-19-2002	SACRAMENTO	REMEDIAL INVESTIGATION REPORT	INFO	GW	015	DIVISION - BLDG.
CORRESP	NONE	J. POLISINI		REPOSITORY	PAH	OU 1	1
NONE		DTSC - BERKELEY			PCBS		
00007		M. LIAO			TCDD		

UIC No. / Rec. No.							Location
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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000625	06-12-2003	TETRA TECH EM	FINAL RESTORATION ADVISORY BOARD	ADMIN RECORD	DCA	001	FRC - LAGUNA
TC.A021.10074	10-01-2002	INC.	(RAB) MEETING SUMMARY FOR THE 01	INFO	DCE	014	NIGEL
MM	DO 0021		OCTOBER 2002 MEETING - INCLUDES	REPOSITORY	MTG MINS	015	181-03-0188
N68711-00-D-0005		NAVFAC -	MEETING AGENDA, SIGN-IN SHEETS, AND		PAH	032	13 OF 17
00030		SOUTHWEST	VARIOUS HANDOUTS		PCB	OU 3	
		DIVISION			RAB	OU 5	RF5258
					TCE		
					VOC		
N00236 / 001920	01-05-2005	RAB - SAN	COMMENTS ON THE REMEDIAL	ADMIN RECORD	ARSENIC	014	SOUTHWEST
NONE	10-03-2002	FRANCISCO	INVESTIGATION	INFO	BACKGROUND	015	DIVISION - BLDG.
CORRESP	NONE	L. LOIZOS		REPOSITORY	COMMENTS		1
NONE		NAVFAC -			GAS		
00004		SOUTHWEST			GW		
		DIVISION			SOIL		
		G. CLARK					
N00236 / 001980	03-09-2005		COMMENTS ON THE REMEDIAL	ADMIN RECORD	RI	014	SOUTHWEST
NONE	10-04-2002	D. SMITH	INVESTIGATION (RI)			015	DIVISION - BLDG.
CORRESP	NONE	NAVFAC -					1
NONE		SOUTHWEST					
00002		DIVISION					
		G. CLARK					

UIC No. / Rec. No.							Location
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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000436	10-31-2002	TETRA TECH EM	DRAFT TECHNICAL MEMORANDUM:	ADMIN RECORD	AOC	001	FRC - LAGUNA
DS.A033.10075	10-08-2002	INC.	EVALUATION OF ISSUES RELATED TO THE	CONFIDENTIAL	ARAR	002	NIGEL
MEMO	DO A033	B. KELLY	RESOURCE CONSERVATION AND	INFO	AST	003	181-03-0188
N68711-00-D-0005		NAVFAC -	RECOVERY ACT; FACILITY PERMIT EPA ID	REPOSITORY	BCT	004	6 OF 17
00300		SOUTHWEST	CA 2170023236, TIERED PERMITS, AND		BRAC	006	
		DIVISION	THE NONPERMITTED AREAS [INCLUDES		EBS	007	RF5258
		L. OCAMPO	SWDIV TRANSMITTAL LETTER FROM L.		GW	008	
			OCAMPO]. ***COMMENTS: DISTRIBUTION		HAZ WASTE	009	
			LIST CONTAINS A CONFIDENTIAL		NFA	013	
			ADDRESS***		PERMIT	014	
					RCRA	015	
					RFA	016	
					RFI	019	
					SOIL	020	
					SWMU	022	
					TECH MEMO	023	
					TPH	025	
					UST	026	
					WATER	027	
					WWTP	028	
						BLDG. 13	
						OU 1	
						OU 2A	
						OU 2B	
						OU 2C	
						OU 3	
						OU 4A	
						OU 4B	
						OU 4C	
						OU 5	
						OU 6	

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Record Type	Record Date	Author			FRC/SWDIV Box No.		
Contr./Guid. No.	CTO No.	Recipient Affil.			FRC Warehouse Loc.		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000437	11-01-2002	NAVFAC -	SWDIV TRANSMITTAL OF RESPONSES TO	ADMIN RECORD	CHARACTERIZATI	009	FRC - LAGUNA
SWDIV SER	10-11-2002	SOUTHWEST	COMMENTS ON THE DRAFT WORK PLAN	CONFIDENTIAL	COC	011	NIGEL
06CA.GC/0040	NONE	DIVISION	CHEMICAL OXIDATION PILOT TESTING	INFO	COMMENTS	016	181-03-0188
MISC		G. CLARK	REMOVAL ACTIONS AT INSTALLATION	REPOSITORY	DCA	021	6 OF 17
NONE		US EPA - SAN	RESTORATION SITES 9, 11/21, AND 16		DCB	OU 1	
00030		FRANCISCO	[COMMENTS BY CRWQCB, DTSC, & US		DQO	OU 2A	RF5258
		A. COOK	EPA]. ***COMMENTS: DISTRIBUTION LIST		GW		
			CONTAINS A CONFIDENTIAL ADDRESS***		METALS		
					MTBE		
					PCE		
					REMOVAL		
					RESPONSE		
					SOIL		
					TCE		
					TOC		
					VOC		
					WORK PLAN		

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Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000438	11-01-2002	TETRA TECH EM	DRAFT FEASIBILITY STUDY REPORT FOR	ADMIN RECORD	ARAR	014	FRC - LAGUNA
DS.A032.10100	10-15-2002	INC.	SITE 14 [INCLUDES SWDIV TRANSMITTAL	CONFIDENTIAL	BCT	BLDG. 120	NIGEL
RPT	DO 0032	C. HUNTER	LETTER FROM G. CLARK WHICH	INFO	BGS	BLDG. 122	181-03-0188
N68711-00-D-0005		NAVFAC -	CONTAINS A CONFIDENTIAL ADDRESS]	REPOSITORY	BRAC	BLDG. 26	6 OF 17
00175		SOUTHWEST			DCA	BLDG. 399	
		DIVISION			DCE	OU 1	RF5258
		G. CLARK			ERA		
					FS		
					LUCIP		
					NCP		
					PAH		
					PCB		
					PCE		
					PRG		
					RCRA		
					RI		
					SARA		
					SVOC		
					TCDD		
					TCE		
					VOC		
N00236 / 000752	06-17-2003	TETRA TECH EM	FINAL BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	MTG MINS	005	FRC - LAGUNA
TC.A021.10075	10-15-2002	INC.	(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO		006	NIGEL
MM	DO 0021		TRACKING MEETING MINUTES FOR THE	REPOSITORY		007	181-03-0188
N68711-00-D-0005		NAVFAC -	AFTER ACTION REPORT FOR THE 15			011	15 OF 17
00020		SOUTHWEST	OCTOBER 2002 MEETING - INCLUDES			013	
		DIVISION	AGENDA, SIGN-IN SHEET, AND VARIOUS			014	RF5258
			HANDOUTS			015	
						025	
						OU 1	
						OU 2A	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001917 NONE CORRESP NONE 00010	01-05-2005 10-15-2002 NONE	DTSC - BERKELEY M. LIAO NAVFAC - SOUTHWEST DIVISION G. CLARK	REVIEW AND COMMENT ON THE DRAFT REMEDIAL INVESTIGATION REPORT FOR OPERABLE UNIT 1 (OU 1)	ADMIN RECORD INFO REPOSITORY	COMMENTS RI	014 015 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 000441 NONE LTR NONE 00002	11-01-2002 10-16-2002 NONE	ALAMEDA POINT COLLABORATIVE R. JAULUS NAVFAC - SOUTHWEST DIVISION G. CLARK	COMMENTS ON THE DRAFT WORK PLAN REMOVAL ACTIONS FOR PARCELS 79, 98, 105, 106, AND 107	ADMIN RECORD INFO REPOSITORY	COMMENTS REMOVAL SOIL WORK PLAN	008 OU 1 PARCEL 105 PARCEL 106 PARCEL 107 PARCEL 79 PARCEL 98	FRC - LAGUNA NIGEL 181-03-0188 6 OF 17 RF5258
N00236 / 001924 NONE CORRESP NONE 00013	01-05-2005 10-18-2002 NONE	U.S. EPA - SAN FRANCISCO A. COOK NAVFAC - SOUTHWEST DIVISION G. CLARK	REVIEW AND COMMENT ON THE DRAFT REMEDIAL INVESTIGATION REPORT	ADMIN RECORD INFO REPOSITORY	COMMENTS GW SOIL	014 015	SOUTHWEST DIVISION - BLDG. 1
N00236 / 000626 TC.A021.10074 MM N68711-00-D-0005 00014	06-12-2003 11-05-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY FOR THE 05 NOVEMBER 2002 MEETING - INCLUDES MEETING AGENDA, SIGN-IN SHEETS, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS RAB TPH	001 014 015	FRC - LAGUNA NIGEL 181-03-0188 13 OF 17 RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000444	11-27-2002	TETRA TECH EM	COMPILED RESPONSES TO COMMENTS	ADMIN RECORD	AWQC	014	FRC - LAGUNA
TC.A032.10023 &	11-21-2002	INC.	ON THE DRAFT REMEDIAL INVESTIGATION	CONFIDENTIAL	CANCER	015	NIGEL
SWDIV SER	DO 0032		REPORT FOR THE FORMER FIRE-FIGHTER	INFO	COMMENTS	BLDG. 120	181-03-0188
06CA.GC\0174		U.S. EPA - SAN	TRAINING AREA AND THE FORMER	REPOSITORY	COPC	BLDG. 121	6 OF 17
MISC		FRANCISCO	TRANSFORMER STORAGE AREA		COPEC	BLDG. 122	RF5258
N68711-00-D-0005		A. COOK	[INCLUDES SWDIV TRANSMITTAL LETTER		DCA	BLDG. 26	
00061			FROM G. CLARK] {PORTION OF MAILING		DCE	BLDG. 388	
			LIST IS CONFIDENTIAL}		ERA	BLDG. 528	
					GW	OU 1	
					METALS		
					MW		
					NFA		
					PAH		
					PRG		
					RESPONSE		
					RI		
					SOIL		
					SOIL BORING		
					SOLVENTS		
					TCDD		
					TOC		
					VOC		
					WELLS		

UIC No. / Rec. No.						Location	
Doc. Control No.	Prc. Date	Author Affil.			FRC Access. No.		
Record Type	Record Date	Author			FRC/SWDIV Box No.		
Contr./Guid. No.	CTO No.	Recipient Affil.			FRC Warehouse Loc.		
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000456	01-29-2003	DTSC - BERKELEY	COMMENTS ON THE DRAFT TECHNICAL	ADMIN RECORD	AOC	001	FRC - LAGUNA
NONE	12-16-2002	M. LIAO	MEMORANDUM: EVALUATION OF ISSUES	INFO	COMMENTS	002	NIGEL
MISC	NONE	NAVFAC -	RELATED TO THE RESOURCE	REPOSITORY	EBS	003	181-03-0188
NONE		SOUTHWEST	CONSERVATION AND RECOVERY ACT		HAZ WASTE	004	10 OF 17
00007		DIVISION	(SEE AR #436 - TECH MEMO)		NFA	006	
		L. OCAMPO			RCRA	007	RF5258
					RFA	008	
					SWMU	009	
					TECH MEMO	013	
					TPH	014	
					UST	015	
						016	
						019	
						020	
						022	
						023	
						025	
						027	
						028	
						OU 1	
						OU 2A	
						OU 2B	
						OU 2C	
						OU 3	
						OU 4A	
						OU 4B	
						OU 4C	
						OU 5	
						OU 6	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000755 TC.A021.10075 MM N68711-00-D-0005 00020	06-17-2003 12-17-2002 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES FOR THE AFTER ACTION REPORT FOR THE 17 DECEMBER 2002 MEETING - INCLUDES AGENDA, SIGN-IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH TPH	025 OU 1 OU 2	FRC - LAGUNA NIGEL 181-03-0188 15 OF 17 RF5258
N00236 / 001931 NONE CORRESP NONE 00002	01-10-2005 12-23-2002 NONE	DEPT. OF TOXIC SUBSTANCES CTRL M. LIAO NAVFAC - SOUTHWEST DIVISION G. CLARK	REVIEW AND CONCURRENCE ON THE DRAFT FEASIBILITY STUDY REPORT	ADMIN RECORD INFO REPOSITORY		014 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 000454 5280.0 & SWDIV SER 06CA.GC\0318 RPT N62474-98-D-2076 00400	01-29-2003 12-31-2002 00071	IT CORPORATION NAVFAC - SOUTHWEST DIVISION	FINAL REMOVAL ACTION SITE CLOSEOUT REPORT, REVISION 0 - REMOVAL ACTION FOR SOIL REMOVAL AT THE AIRCRAFT REWORK FACILITY AND THE FORMER FIRE TRAINING AREA [INCLUDES SWDIV TRANSMITTAL LETTER FROM G. CLARK WHICH CONTAINS A CONFIDENTIAL ADDRESS]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	ARAR COC NCP NPL PRG REMOVAL SARA SITE CLOSEOUT SOIL TCDD	005 014 BLDG. 5 OU 1 OU 2C	FRC - LAGUNA NIGEL 181-03-0188 9 OF 17 RF5258

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000455	01-29-2003	IT CORPORATION	FINAL WORK PLAN REMOVAL ACTIONS FOR PARCELS 79, 98, 105, 106, AND 107	ADMIN RECORD	ARAR	008	FRC - LAGUNA
5125.0 & SWDIV	01-06-2003		[INCLUDES SWDIV TRANSMITTAL LETTER FROM G. CLARK WHICH CONTAINS A	CONFIDENTIAL	BGS	OU 1	NIGEL
SER 06CA.GC\0317	00088	NAVFAC - SOUTHWEST DIVISION	CONFIDENTIAL ADDRESS]. ***COMMENTS: ALSO INCLUDES PROJECT QUALITY	INFO	EBS	PARCEL 105	181-03-0188
PLAN			CONTROL PLAN, SAMPLING & ANALYSIS	REPOSITORY	PAH	PARCEL 106	10 OF 17
N62474-98-D-2076			PLAN, AND SITE HEALTH & SAFETY PLAN***		PCB	PARCEL 107	RF5258
00350					QC	PARCEL 79	
					REMOVAL	PARCEL 98	
					SAP		
					SOIL		
					SSHP		
					SVOC		
					TPH		
					VOC		
					WORK PLAN		
N00236 / 001028	08-20-2003	TETRA TECH EM INC.	FINAL RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES SUMMARY FOR	ADMIN RECORD	MTG MINS	014	SHAW BINARY
TC.A021.10126	01-07-2003		THE 07 JANUARY 2003 MEETING -	INFO		015	
MTG MINS	DO 0021	NAVFAC - SOUTHWEST DIVISION	INCLUDES AGENDA, SIGN-IN SHEETS AND	REPOSITORY		OU 3	SW05072801
N68711-00-D-0005			HANDOUT MATERIALS				
00020							

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000470	02-06-2003	NAVFAC -	SITE MANAGEMENT PLAN	ADMIN RECORD	PAH	017	FRC - LAGUNA
SWDIV SER	01-16-2003	SOUTHWEST	UPDATE[INCLUDES TRANSMITTAL LETTER	INFO	PESTICIDES	020	NIGEL
06CA.AD/0357	NONE	DIVISION	BY A. DICK]	REPOSITORY		024	181-03-0188
MISC		A. DICK				025	10 OF 17
NONE		U.S. EPA				029	
00030		A. COOK				OU 1	RF5258
						OU 2A	
						OU 2B	
						OU 2C	
						OU 3	
						OU 4A	
						OU 4B	
						OU 4C	
						OU 5	
						OU 6	
N00236 / 000995	08-20-2003	TETRA TECH EM	FINAL BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	MTG MINS	001	SOUTHWEST
TC.A021.10125	01-21-2003	INC.	(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO	PAH	005	DIVISION - BLDG.
MM	DO 0021		TRACKING MEETING MINUTES AFTER	REPOSITORY	PCE	007	110
N68711-00-D-0005		NAVFAC -	ACTION REPORT FOR THE 21 JANUARY		TCE	009	
00030		SOUTHWEST	2003 - INCLUDES AGENDA, SIGN-IN SHEET,		VC	011	
		DIVISION	AND HANDOUT MATERIALS			013	
						014	
						015	
						016	
						017	
						020	
						021	
						027	
						028	
						029	
						OU 5	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000999	08-20-2003	TETRA TECH EM	FINAL BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	MTG MINS	009	SHAW BINARY
TC.A021.10125	02-18-2003	INC.	(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO	PCE	011	
MM	DO 0021		TRACKING MEETING MINUTES AFTER	REPOSITORY	TCE	014	
N68711-00-D-0005		NAVFAC -	ACTION REPORT FOR THE 18 FEBRUARY		TPH	015	SW05072801
00020		SOUTHWEST	2003 - INCLUDES AGENDA, SIGN-IN SHEET,		VOC	016	
		DIVISION	AND HANDOUT MATERIALS			021	
						027	
						028	
						OU 1	
						OU 2A	
						OU 2B	
N00236 / 000475	03-10-2003	TETRA TECH EM	DRAFT FINAL REMEDIAL INVESTIGATION	ADMIN RECORD	BAP	014	FRC - LAGUNA
SWDIV SER	02-28-2003	INC.	REPORT VOLUME 1 AND 2 - INCLUDES	INFO	BTEX	015	NIGEL
06CA.GC\0491	00033	G. HUNTER	SWDIV TRANSMITTAL LETTER SIGNED BY	REPOSITORY	DCA		181-03-0188
RPT		NAVFAC -	G. CLARK		DCE		11 OF 17
NONE		SOUTHWEST			DDT		
02200		DIVISION			PAH		RF5258
					PCB		
					PCE		
					TCE		
					TOC		
					TPH		
					VOC		
N00236 / 000487	03-17-2003	TETRA TECH EM	DRAFT FINAL FEASIBILITY STUDY REPORT	ADMIN RECORD	DCA	014	FRC - LAGUNA
DS.A032.10629	03-14-2003	INC.	FOR SITE 14 - INCLUDES SWDIV	CONFIDENTIAL	DCE	OU 1	NIGEL
RPT	00032	C. HUNTER	TRANSMITTAL LETTER BY G. CLARK	INFO	PAH		181-03-0188
N68711-00-D-0005		NAVFAC -	WHICH CONTAINS A CONFIDENTIAL	REPOSITORY	PCB		11 OF 17
00080		SOUTHWEST	DISTRIBUTION LIST		PCE		
		DIVISION			SVOC		RF5258
					TCDD		
					VOC		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 002000 NONE CORRESP NONE 00017	03-25-2005 04-11-2003 NONE	DTSC - BERKELEY M. LIAO NAVFAC - SOUTHWEST DIVISION G. CLARK	COMPILATION OF COMMENTS ON THE DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	COMMENTS RI	014 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 002001 NONE CORRESP NONE 00002	03-25-2005 04-11-2003 NONE	DTSC - BERKELEY M. LIAO NAVFAC - SOUTHWEST DIVISION G. CLARK	DTSC WITHHOLDS CONCURRENCE ON THE NO FURTHER ACTION (NFA) RECOMMENDATION ON THE DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	NFA RI	014 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 001000 TC.A021.10125 MM N68711-00-D-0005 00030	08-20-2003 04-15-2003 DO 0021	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING MINUTES AFTER ACTION REPORT FOR THE 15 APRIL 2003 - INCLUDES AGENDA, SIGN-IN SHEET, AND HANDOUT MATERIALS	ADMIN RECORD INFO REPOSITORY	MTG MINS PAH VOC	004 005 014 015 OU 1 OU 2A OU 2B OU 5	SHAW BINARY SW05072801

UIC No. / Rec. No.						Location	
Doc. Control No.	Prc. Date	Author Affil.				FRC Access. No.	
Record Type	Record Date	Author				FRC/SWDIV Box No.	
Contr./Guid. No.	CTO No.	Recipient Affil.				FRC Warehouse Loc.	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000510	06-10-2003	TETRA TECH EM	FINAL REMEDIAL INVESTIGATION REPORT	ADMIN RECORD	B(A)P	014	FRC - LAGUNA
DS.A032.10630 &	06-06-2003	INC.	(CONSISTS OF 2 VOLUMES) - INCLUDES	CONFIDENTIAL	BTEX	015	NIGEL
SWDIV SER		C. HUNTER	SWDIV TRANSMITTAL LETTER BY G.	INFO	DCA		181-03-0188
06CA.GC/0812	DO 0032	NAVFAC -	CLARK WITH CONFIDENTIAL	REPOSITORY	DCE		12-13 OF 17
RPT		SOUTHWEST	DISTRIBUTION LIST. ***COMMENTS:		DDT		
N68711-00-D-0005		DIVISION	NOTE: FRC BOX NUMBER - VOLUME 1 AND		DDTT		RF5258
03000		G. CLARK	2 OF 2 (FOLDER 1 OF 2) IS IN BOX 12;		PAH		
			VOLUME 2 OF 2 (FOLDER 2 OF 2) IS IN BOX		PCB		
			13***		PCE		
					SVOC		
					TCDD		
					TCE		
					TDS		
					TOC		
					TPH		
					VOC		

UIC No. / Rec. No.			Location				
Doc. Control No.	Prc. Date	Author Affil.	FRC Access. No.				
Record Type	Record Date	Author	FRC/SWDIV Box No.				
Contr./Guid. No.	CTO No.	Recipient Affil.	FRC Warehouse Loc.				
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 000772	08-04-2003	NAVFAC -	ALAMEDA POINT FOCUS ENVIRONMENTAL	ADMIN RECORD		001	FRC - LAGUNA
NONE	07-01-2003	SOUTHWEST	JULY 2003 NEWSLETTER			002	NIGEL
MISC	NONE	DIVISION				003	181-03-0188
NONE		M. MCCLELLAND				004	16 OF 17
00016		GENERAL PUBLIC				005	RF5258
						006	
						007	
						008	
						009	
						010	
						011	
						012	
						013	
						014	
						015	
						016	
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						030	
						031	
						032	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001802	04-22-2004	SULTECH	FINAL RESTORATION ADVISORY BOARD	ADMIN RECORD	MTG MINS	013	SOUTHWEST
TC.B010.10187	07-01-2003		(RAB) MEETING SUMMARY FOR THE 01	INFO		014	DIVISION - BLDG.
MM	00010	NAVFAC -	JULY 2003 MEETING - INCLUDES MEETING	REPOSITORY		015	1
N68711-03-D-5104		SOUTHWEST	AFENDA, SIGN-IN SHEETS, AND VARIOUS				
00020		DIVISION	HANDOUTS			PARCEL EDC	
N00236 / 001988	03-10-2005	DTSC - BERKELEY	REVIEW AND COMMENTS ON THE DRAFT	ADMIN RECORD	CERCLA	003	SOUTHWEST
NONE	07-15-2003	M. LIAO	WORK PLAN (WP) FOR THE ASSESSMENT		EBS	004	DIVISION - BLDG.
CORRESP	NONE	NAVFAC -	OF POLYCYCLIC AROMATIC		PAH	005	1
NONE		SOUTHWEST	HYDROCARBON (PAH) CONTAMINATION AT		WP	006	
00006		DIVISION	SELECTED CERCLA SITES AND			007	
		G. CLARK	ENVIRONMENTAL BASELINE STUDY (EBS)			008	
			PARCELS			009	
						010	
						011	
						012	
						013	
						014	
						015	
						016	
						019	
						021	
						022	
						023	
						031	
						032	
						30	
						PARCEL 205	
						PARCEL 28	
						PARCEL 51	

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001799	04-22-2004	SULTECH	FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM MONTHLY TRACKING MEETING MINUTES AFTER ACTION REPORT FOR THE 16 SEPTEMBER 2003 MEETING - INCLUDES AGENDA, SIGN-IN SHEET, AND VARIOUS HANDOUTS	ADMIN RECORD	MTG MINS	007	SOUTHWEST
TC.B010.10186	09-16-2003			INFO		014	DIVISION - BLDG.
MM	00010	NAVFAC - SOUTHWEST DIVISION		REPOSITORY		015	1
N68711-03-D-5104						022	
00020						023	
						035	
N00236 / 001989	03-10-2005	DTSC - BERKELEY	REVIEW AND COMMENTS ON THE DRAFT PROPOSED PLAN	ADMIN RECORD	VOC	014	SOUTHWEST
NONE	12-18-2003	M. LIAO				015	DIVISION - BLDG.
CORRESP	NONE	NAVFAC - SOUTHWEST DIVISION					1
NONE		G. CLARK					
00003							
N00236 / 001743	12-01-2003	TETRA TECH EM INC.	DRAFT PROPOSED PLAN FOR INSTALLATION RESTORATION (IR) SITES 14 AND 15. ***COMMENTS: DOCUMENT WAS SUBMITTED TO ADMINISTRATIVE RECORDS ON 10/03/03.***	ADMIN RECORD		014	SOUTHWEST
DS.A032.10632	02-01-2004			INFO		015	DIVISION - BLDG.
PLAN	DO 032	NAVFAC - SOUTHWEST DIVISION		REPOSITORY			110
N68711-00-D-0005							
00008							

UIC No. / Rec. No.								Location	
Doc. Control No.	Prc. Date	Author Affil.							FRC Access. No.
Record Type	Record Date	Author							FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.							FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.		
N00236 / 001841	06-15-2004		NEWSLETTER REGARDING THE NAVY'S	ADMIN RECORD	VOC	005		SOUTHWEST	
NONE	03-01-2004		ENVIRONMENTAL ACTIVITIES AT ALAMEDA	IR-READY	GW	009		DIVISION - BLDG.	
MISC	NONE	NAVFAC -	POINT		PAH	014		1	
NONE		SOUTHWEST			SOIL	015			
00004		DIVISION				016			
						025			
						026			

UIC No. / Rec. No.								Location	
Doc. Control No.	Prc. Date	Author Affil.							FRC Access. No.
Record Type	Record Date	Author							FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.							FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.		

N00236 / 001854	08-03-2004	TETRA TECH EM	PROPOSED PLAN/DRAFT REMEDIAL	ADMIN RECORD	PAH	015	SOUTHWEST
TC.A032.10250	07-01-2004	INC.	ACTION PLAN FOR CERCLA INSTALLATION	CONFIDENTIAL	PCB	OU 1	DIVISION - BLDG.
MISC	DO. 032		RESTORATION (IR) [PORTION OF MAILING	INFO	PLAN		1
N68711-00-D-0005		NAVFAC -	LIST IS CONFIDENTIAL]	REPOSITORY			
00010		SOUTHWEST					
		DIVISION					

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 002066 SWDIV SER 06CA.GC/0750 CORRESP NONE 00001	07-27-2005 07-19-2004 NONE	NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA U.S. EPA - SAN FRANCISCO A. COOK	REQUEST FOR A MILESTONE EXTENSION ON THE DRAFT FINAL OPERABLE UNIT (OU) REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD INFO REPOSITORY	OU RI	OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 001894 TC.B010.10255 MISC N68711-03-D-5104 00050	11-22-2004 08-05-2004 00010	SULTECH NAVFAC - SOUTHWEST DIVISION	05 AUGUST 2004 DRAFT RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY - INCLUDES AGENDA AND VARIOUS HANDOUTS {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	GW PAH SOIL TPH	025 030 BLDG. 001 OU-1 OU-2A OU-2B	SOUTHWEST DIVISION - BLDG. 1
N00236 / 001892 TC.B010.10261 RPT N68711-03-D-5104 00020	11-22-2004 08-17-2004 00010	SULTECH NAVFAC - SOUTHWEST DIVISION	FINAL BRAC CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING AFTER ACTION REPORT - INCLUDES AGENDA, 07/20/04 MEETING MINUTES AND VARIOUS HANDOUTS {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	GW MTG MINS TPH VOC	026 030 BLDG. 020 BLDG. 023 OU-1 OU-2A OU-2B	SOUTHWEST DIVISION - BLDG. 1
N00236 / 001979 NONE CORRESP NONE 00007	03-09-2005 08-24-2004 NONE	U.S. EPA - SAN FRANCISCO NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON THE PROPOSED PLAN	ADMIN RECORD INFO REPOSITORY	PAH PCB VOC	015	SOUTHWEST DIVISION - BLDG. 1

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001876 SWDIV SER. 06CA.GL/0942 PLAN NONE 00030	09-27-2004 09-15-2004 NONE	NAVFAC - SOUTHWEST DIVISION	FINAL SITE MANAGEMENT PLAN FOR FISCAL YEAR 2005 [INCLUDES SWDIV TRANSMITTAL LETTER BY T. MACCHIARELLA] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS GW PAH PLAN SOIL	OU 1 OU 2A OU 2C OU 3 OU 4A OU 4B OU 4C OU 5 OU 6	SOUTHWEST DIVISION - BLDG. 1
N00236 / 001893 TC.B010.10262 RPT N68711-03-D-5104 00040	11-22-2004 09-21-2004 00010	SULTECH NAVFAC - SOUTHWEST DIVISION	FINAL BRAC CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING AFTER ACTION REPORT - INCLUDES AGENDA, 08/17/04 FINALIZE MEETING MINUTES AND VARIOUS HANDOUTS {CD COPY ENCLOSED}	ADMIN RECORD INFO REPOSITORY	MTG MINS PCB SVOC VOC	001 007 015 022 032 OU-1 OU-2 OU-2A OU-2B	SOUTHWEST DIVISION - BLDG. 1

UIC No. / Rec. No.								Location	
Doc. Control No.	Prc. Date	Author Affil.							FRC Access. No.
Record Type	Record Date	Author							FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.							FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.		
N00236 / 001913 TC.B.010.10257 MTG MINS N68711-03-D-5104 00036	01-03-2005 10-07-2004 00010	SULTECH NAVFAC - SOUTHWEST DIVISION	07 OCTOBER 2004 FINAL RESTORTION ADVISORY BOARD (RAB) MEETING SUMMARY - INCLUDES AGENDA, MEETING MINUTES, AND VARIOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	RAB ROD SOIL VOCS	032 OU 1 OU 2A OU 2B		SOUTHWEST DIVISION - BLDG. 1	

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001910	12-29-2004	SULTECH	FINAL BASE REALIGNMENT AND CLOSURE	ADMIN RECORD	PAH	013	SOUTHWEST
TC.B010.10263	10-19-2004		(BRAC) CLEANUP TEAM (BCT) MONTHLY	INFO	PAHS	015	DIVISION - BLDG.
MTG MINS	00010	NAVFAC -	TRACKING MEETING MINUTES FOR THE	REPOSITORY	PCB	025	1
N68711-03-D-5104		SOUTHWEST	AFTER ACTION REPORT FOR THE 19		ROD	OU 5	
00016		DIVISION	OCTOBER 2004 MEETING - INCLUDES				
			AGENDA AND VARIOUS HANDOUTS				

N00236 / 001908	12-10-2004	BRAC - SAN	NAVY IS REQUESTING A SIXTY DAY	ADMIN RECORD		014	SOUTHWEST
SWDIV SER	12-02-2004	DIEGO	EXTENSION FOR THE ADDENDUM TO THE	INFO		OU 1	DIVISION - BLDG.
BPMOW.GC\0174	NONE	R. PLASEIED	FINAL FEASIBILITY STUDY REPORT	REPOSITORY			1
CORRESP		U.S. EPA - SAN					
NONE		FRANCISCO					
00003		A. COOK					

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 001977 SWDIV SER BPMOW.GC\0391 CORRESP NONE 00003	03-08-2005 02-10-2005 NONE	BRAC - SAN DIEGO T. MACCHIARELLA U.S. EPA - SAN FRANCISCO A. COOK	TRANSMITTAL OF REQUEST FOR A 16 DAY EXTENSION ON ADDENDUM TO THE FINAL FEASIBILITY STUDY REPORT	ADMIN RECORD INFO REPOSITORY	FS	014 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 002007 TC.B010.10265 MTG MINS N68711-03-D-5104 00025	04-12-2005 03-07-2005 00010	SULTECH NAVFAC - SOUTHWEST DIVISION	21 DECEMBER 2004 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) AND CLEANUP TEAM (BCT) MONTLHY TRACKING MEETING AFTER ACTION REPORT	ADMIN RECORD INFO REPOSITORY	ARSENIC BCT MTG MINS PCB	006 007 008 016 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 001998 SWDIV SER BPMOW.CD\0519 RPT N68711-01-D-6009 00100	03-23-2005 03-11-2005 00007	BATTELLE BRAC - SAN DIEGO	FINAL EXPEDITED FIELD SAMPLING WORK PLAN [INCLUDES SWDIV TRANSMITTAL LETTER BY T. MACCHIARELLA] {PORTION OF MAILING LIST IS CONFIDENTIAL, CD COPY ENCLOSED}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	PAH PCB PCDD PCDF SAP VOC	001 015	SOUTHWEST DIVISION - BLDG. 1

UIC No. / Rec. No.								Location	
Doc. Control No.	Prc. Date	Author Affil.						FRC Access. No.	
Record Type	Record Date	Author						FRC/SWDIV Box No.	
Contr./Guid. No.	CTO No.	Recipient Affil.						FRC Warehouse Loc.	
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 002053 DS.B113.20152 & SWDIV SER BPMOW.GC/0871 PUB NOTICE NONE 00010	06-30-2005 06-01-2005 NONE	NAVFAC - SOUTHWEST DIVISION GENERAL PUBLIC	PROPOSED PLAN FOR NO FURTHER ACTION (NFA) AT THE FORMER TRANSFORMER STORAGE AREA	ADMIN RECORD INFO REPOSITORY	NFA PAH PCB RCRA	015	SOUTHWEST DIVISION - BLDG. 1
N00236 / 002077 NONE COMMENTS NONE 00005	08-10-2005 07-27-2005 NONE	EPA - SAN FRANCISCO A. COOK NAVFAC - SOUTHWEST DIVISION T. MACHIARELLA	REVIEW AND COMMENTS FOR DRAFT PROPOSED PLAN FOR INSTALLATION RESTORATION SITE	ADMIN RECORD INFO REPOSITORY	COMMENTS IR	015	SOUTHWEST DIVISION - BLDG. 1

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.
N00236 / 002118 NONE CORRESP NONE 00003	09-19-2005 08-20-2005 NONE	DTSC - BERKELEY M. LIAO NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON THE DRAFT PROPOSED PLAN (PP)	ADMIN RECORD INFO REPOSITORY	COMMENTS PP	015	SOUTHWEST DIVISION - BLDG. 1
N00236 / 002109 DS.B113.20153 & SWDIV SERBPMOW.GC\11 54 RPT N68711-03-D-5104 00015	08-30-2005 08-26-2005 00113	NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA EPA - SAN FRANCISCO A. COOK	DRAFT FINAL PROPOSED PLAN FOR INSTALLATION RESTORATION (IR) SITE INCLUDES RESPONSE TO COMMENTS RESPONSES TO REGULATORY AGENCY COMMENTS ON DRAFT PROPOSED PLAN	ADMIN RECORD INFO REPOSITORY	COMMENTS IR RESPONSE	015 OU 1	SOUTHWEST DIVISION - BLDG. 1
N00236 / 002133 DS.B113.20154 AND BRAC SER BPMOW.GC/1243 RPT N68711-03-D-5104 00012	10-13-2005 09-01-2005 00113	SULTECH NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR FORMER TRANSFORMER STORAGE AREA (INCLUDES BRAC TRANSMITTAL LETTER BY T. MACCHIARELLA) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	PAH PCB PROPOSED RCRA ROD	015	SOUTHWEST DIVISION - BLDG. 1

UIC No. / Rec. No.								Location
Doc. Control No.	Prc. Date	Author Affil.						FRC Access. No.
Record Type	Record Date	Author						FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.						FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject/Comments	Classification	Keywords	Sites	CD No.	

Total Estimated Record Page Count: 27,987

Total - Administrative Records: 286

[UIC NUMBER]='N00236'

No Keywords

Sites=014015016;015;OU 1;OU-01;OU1;OU-1

No Classification

Note: Remedial Investigation and Feasibility Study Reports ☐ for OU-1 Sites 6, 7, 8, and 16 have been removed.

ATTACHMENT B
AGENCY AGREEMENT WITH SELECTED REMEDY

ATTACHMENT C
TRANSCRIPT FROM PUBLIC MEETINGS, SIGN-IN SHEET, AND PUBLIC NOTICE

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PUBLIC MEETING for the
Former Transformer Storage Area (Site 15)
PROPOSED PLAN
ALAMEDA POINT, ALAMEDA

October 19, 2005
6:30 to 7:45 p.m.

Thomas L. Macchiarella
Alameda Point BRAC Environmental Coordinator
BRAC Program Management Office West

Glenna Clark
Remedial Project Manager
BRAC Program Management Office West

1 WEDNESDAY, OCTOBER 19, 2005

6:36 P.M.

2 P R O C E E D I N G S

3 MR. MACCHIARELLA: Welcome to the Site 15
4 Proposed Plan Public Meeting between 6:30 and 7. Our
5 first agenda item we will be available for questions as
6 you are able to look at our poster boards up front. We'll
7 turn off our recorder now and resume at 6:45.

8 Good evening and welcome to the proposed
9 plan meeting for the former transformer storage area Site
10 15 at Alameda Point.

11 My name is Thomas Macchiarella. I'm the
12 Navy BRAC environmental coordinator for Alameda Point.
13 Tonight, first we're going to go through an overview of
14 the Navy's restoration program in general for Alameda
15 Point and then we'll go into specifics of Site 15 and then
16 we'll have a clarifying questions time period and then we
17 will go into listening mode and receive public comments,
18 which will be recorded and formally responded to in our
19 Record of Decision.

20 The Installation Restoration Program for
21 Alameda Point is managed by the BRAC Program Management
22 Office West with support from the Southwest Division Naval
23 Facilities Engineering Command. The BRAC PMO West reports
24 to the Deputy Assistant Secretary of the Navy for
25 Installations and Environment. As the appointed BRAC, I

1 have the responsibility and authority to conduct an IR
2 program for Alameda Point.

3 What is the Navy's IR program? The purpose
4 of the program is to identify, investigate, assess,
5 characterize and clean up hazardous substances; to reduce
6 the risk to human health in the environment from past
7 waste disposal operations and hazardous materials spills;
8 to be consistent with CERCLA, which is the Comprehensive
9 Environmental Response, Compensation and Liability Act,
10 commonly referred to as Superfund; and to reach the goal
11 of moving all the environmental sites to site closeout
12 status.

13 The CERCLA process, as shown on the figure,
14 begins with the preliminary assessment/site inspection.
15 It moves on to the remedial investigation/feasibility
16 study, then on to a proposed plan and remedy selection,
17 which is where we are now, then to a Record of Decision
18 and on to remedial design/remedial action and finally onto
19 site closure.

20 Sometimes part of this process can be
21 skipped and you can move directly on to another step. And
22 there is also another process called the removal action
23 process which can occur any time during this process.

24 At Alameda Point, the Installation
25 Restoration Program at a glance is there are 35 specified

1 sites listed in the Installation Restoration Program. NAS
2 Alameda is listed on the National Priorities List and U.S.
3 EPA is the lead regulatory agency.

4 There exists a Federal Facilities Agreement
5 between the U.S. EPA and the Navy for NAS Alameda. We
6 have a BRAC cleanup team which is composed of the U.S.
7 EPA, the Navy, California Department of Toxic Substances
8 Control and the San Francisco Bay Regional Water Quality
9 Control Board.

10 We also have a Site Management Plan, which
11 is a detailed schedule for all the Alameda Point
12 Installation Restoration sites, which is formally updated
13 annually and informally updated almost monthly.

14 Current phase for the Former Transformer
15 Storage Area is the Proposed Plan which provides for
16 community involvement, summarizes the environmental
17 efforts to date, proposes a decision and precedes the
18 Record of Decision.

19 Do we have any questions on the
20 Installation Restoration Program and CERCLA process?
21 Thank you.

22 Let's move on down to a presentation by
23 Ms. Glenna Clark, specific to Site 15, the Former
24 Transformer Storage Area.

25 MS. CLARK: Thank you for coming to our

1 meeting tonight. My name is Glenna Clark and I'm the RPM
2 for Site 15. It's the Former Transformer Area at Alameda
3 Point.

4 Tonight, I'd like to briefly go over the
5 proposed plan, which would include site description,
6 environmental investigations, site-specific risk
7 assessments, conclusions and the next step in the CERCLA
8 process.

9 Site 15 is located in the northwestern
10 portion of Alameda Point. The Former Transformer Storage
11 Area consists of six unpaved acres, including
12 approximately one acre of wetlands that occupies the
13 northern edge of the site. A railroad known as Alameda
14 Mole traversed through the site.

15 Building 27 is the only building that
16 remains on the site. It was a sewer lift station and
17 maintenance shop. It stored petroleum products and
18 disinfectants.

19 There were three former buildings there,
20 buildings 283, 301 and 389. They stored electrical
21 equipment, oil transformers and unused machinery.

22 The former buildings 283 and 301 were
23 Quonset huts. This is just a map of Site 15. It shows
24 the former buildings and this is site building 27 and the
25 railroad went through the site this way (indicating) to a

1 ferry building.

2 Now I'd like to go over environmental
3 investigations. There were two major environmental
4 investigations. There was Environmental Baseline Survey,
5 which is referred to as EBS, and the Remedial
6 Investigation, which we refer to as RI.

7 Phase 1 of the EBS investigation was
8 completed in 1994. Phases 2A and 2B of the EBS
9 investigation were completed in 2001. There was a storm
10 sewer investigation that was completed in 2001.

11 For the Remedial Investigation, phases 2B
12 and 3 investigations were completed in 1991. Then there
13 was a follow-on investigation in 1994.

14 There was a removal action for lead and
15 polychlorinated biphenyls, PCBs, in soil, completed in
16 1998. There was also a wetland delineation and data gap
17 sampling completed in 2001; and a PAH confirmation
18 sampling, which is polynuclear aromatic hydrocarbons, in
19 2005.

20 Findings from the investigations were PAHs
21 in soil, PCBs in soil and lead in soil. The PAHs are
22 basically associated with fill material from the San
23 Francisco Bay that was used to create the installation or
24 the railroad that was present before the site became a
25 naval air station.

1 Because PAHs, expressed as benzo(a)pyrene
2 equivalents, are below 1 ppm, with the average
3 concentration below the screening level of .62 ppm, no
4 action is necessary.

5 Elevated concentrations of the PCB and lead
6 and soil were associated with the storage of
7 PCB-containing transformers; use of historical petroleum,
8 oil, and lubricants and lead-based paint from buildings.

9 There was a PCB and lead removal action.
10 The removal action was conducted in 1994 and continued
11 through 1998. As part of the removal action, 6600 cubic
12 yards of soil was removed and the area was backfilled with
13 clean soil.

14 Confirmation samples were collected after
15 the excavation and it showed that the soil contained less
16 than 1 PPM of PCBs and less than 130 PPM of lead. No
17 further action is necessary.

18 The next line I want to show you the
19 excavation area. This was the large excavation and there
20 were four smaller excavations (indicating). The
21 excavations went about two feet deep.

22 Now I want to talk about the human health
23 risk assessment and the ecological risk assessment.

24 The exposure scenarios we'll look at is
25 residential and construction worker and we'll look at the

1 soil and groundwater from zero to ten feet below ground
2 surface. For residential, the total cancer risk,
3 including background, which would be metals, is 1×10^{-4} with
4 a noncancer hazard index of 2. The background for
5 residential is 1×10^{-4} with a hazard index background of 2.
6 The incremental risk which is the total risk minus the
7 background is less than 10^{-6} , and the hazard index is less
8 than 1.

9 For the construction worker, the total
10 risk, including background, is 3×10^{-7} with a hazard index
11 of .2.

12 The risk drivers are actually the
13 background metals. The background metals in soil were
14 aluminum, arsenic, and manganese. The background metas in
15 groundwater were arsenic, barium and manganese. Fill
16 events, that's where we got the PAHs in the soil.

17 The recommendation is based on the low
18 levels of incremental contamination, no remedial action
19 for soil or groundwater is necessary at Site 15 to protect
20 human health.

21 We also performed an ecological risk
22 assessment, which a performs in conjunction with
23 ecological experts from U.S. EPA, California Department of
24 Toxic Substances Control and California Regional Water
25 Quality Control Board.

1 We evaluated whether unacceptable risk is
2 posed to the California ground squirrel, Alameda song
3 sparrow, red-tailed hawk and marine receptors.

4 The conclusions from the ecological risk
5 assessment: Other than the wetland, Site 15 supports only
6 a limited habitat and the future land uses would not
7 create additional ecological habitat.

8 The site poses little or no risk to
9 ecological receptors, including the wetland and no
10 remedial action is necessary.

11 Therefore, the conclusions, based on all
12 our studies, was based on the low chemical concentrations
13 in soil and groundwater at Site 15, no remedial action is
14 necessary to protect human health or ecological receptors
15 and we have regulatory concurrence with this.

16 The next step in the circle of process is
17 to accept public comments on the proposed plan. We will
18 respond to those public comments in a responsive summary
19 that will be attached to the Record of Decision.

20 Of course, we'll have a document that's
21 called a Record of Decision that will document no action.
22 Then we'll place a public notice in a local newspaper to
23 announce the availability of the signed ROD.

24 Questions?

25 MR. MACCHIARELLA: Thank you. Do we have

1 any clarifying questions? Okay. No questions. From now
2 to the end of the meeting, we will go into the public
3 comment period.

4 As there are no members of the public here
5 to provide comments, we'll go into waiting mode and turn
6 off our recorder and start again if we have any new
7 visitors.

8 It's 7:45 and we don't have any new
9 attendees, so the meeting is adjourned.

10 (Meeting concluded at 7:45 p.m.)

11 ---oOo---

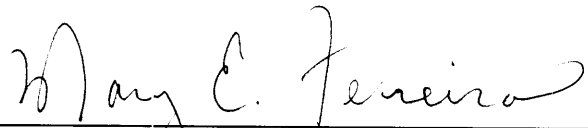
1 COUNTY OF ALAMEDA)
2 STATE OF CALIFORNIA) SS.

3
4
5 CERTIFICATE OF REPORTER

6 I, MARY E. FERREIRA, Certified Shorthand
7 Reporter, do hereby certify that I am a Court Reporter for
8 the State of California, and that, as such, I reported the
9 proceedings had in the above-entitled matter at the time
10 and place set forth herein.

11 I further certify that my stenographic notes
12 were thereafter prepared by computer-assisted
13 transcription into typewriting, and that the foregoing
14 pages constitute a full, true, and correct transcription
15 of said notes in the above-entitled proceedings to the
16 best of my ability.

17 Dated at Castro Valley, California, this 31st
18 day of October, 2005.

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21
22 
23 MARY E. FERREIRA, CSR #10553, RPR
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25

Sign-In Sheet Public Meeting for Former Transformer Storage Area (Site 15), Alameda Point, California – October 19, 2005

Name	Address (Optional)	How Did you Hear About this Meeting? (✓)				
		Mailer	Notice in the Alameda Journal	Notice in the Oakland Tribune	Word of Mouth	Other (Please list)
Name Thomas Macchiarella	Street 1455 Frazee Rd Ste 900					
Affiliation US Navy	City, State and Zip San Diego, CA 92108					
Name Anna-Marie Cook	Street					
USEPA	City, State and Zip					
Name Craig Hunter	Street					
Tetra Tech	City, State and Zip					
Name Glenna Clark	Street					
U.S. Navy	City, State and Zip					
Name Tommie Jean Daniel	Street 135 Main St. Ste 1800					
Tetra Tech EMI	City, State and Zip San Francisco, CA 94105					
Name Tudy C. Huang	Street 1515 Clay St. Ste. 1400					
SF BAY RWQCB	City, State and Zip OAKLAND, CA 94612					
Name Sophia Suda	Street					
USEPA	City, State and Zip					
Name Marcia Liao	Street					
DTSC	City, State and Zip					
Name Peter Russell	Street					
ARRA (RRI)	City, State and Zip					



NOTICE OF PROPOSED PLAN AND PUBLIC COMMENT PERIOD



Proposal of No Further Action at Site 15, a Former Transformer Storage Area Alameda Point, California

The U.S. Navy, in coordination with state and environmental regulatory agencies, encourages the public to comment on its Proposed Plan for no further action at a former transformer storage area, identified as Installation Restoration (IR) Site 15 at the former Alameda Naval Air Station, now referred to as Alameda Point, in Alameda, California.

Site 15 is located on the northwestern corner of Alameda Point. The site was used by the Navy as a storage area for electrical equipment and oil-filled transformers. As a result, soil was contaminated with polychlorinated biphenyls (PCBs) and lead. A removal action that was conducted from 1994 through 1998 removed 6,600 cubic yards of contaminated soil, and the area was backfilled with clean soil. The Proposed Plan provides a summary of investigations performed at the site including a remedial investigation and human health and ecological risk assessments. Based on data collected and analyzed for the site, no further environmental work is proposed because the potential risk to humans and animals is insignificant. This finding supports the eventual transfer to and redevelopment of the property by the Alameda Reuse and Redevelopment Authority.

PUBLIC COMMENT PERIOD

The Navy invites interested members of the public to review and comment on the Proposed Plan during the 30-day public comment period which is from September 28th to October 28th, 2005. Public comments must be submitted in writing and postmarked or e-mailed no later than October 28, 2005, or attend the public meeting on October 19, 2005. Please send all comments to: Mr. Thomas Macchiarella, BRAC Environmental Coordinator, BRAC Program Management Office West, 1455 Frazee Road, Suite 900, San Diego, California 92108-4310, Thomas.macchiarella@navy.mil, (619) 532-0907, fax (619) 532-0940.

PUBLIC MEETING

The Navy will host a public meeting to discuss the Proposed Plan, answer questions and accept public comments.

Date: Wednesday, October 19, 2005

Time: 6:30 p.m. to 8:00 p.m.

Location: 950 West Mall Square, Building 1, Room 201, Alameda Point, CA

FOR MORE INFORMATION

A copy of the Proposed Plan, Remedial Investigation, Human Health and Ecological Risk Assessments and other site documents are available for review at:

Alameda Point
950 West Mall Square
Building 1, Rooms 240-241
Alameda, California

Alameda Public Library
2200 A Central Avenue
Alameda, California
(510) 747-7777

If you have any questions or wish to discuss the Site 15 project, please contact Mr. Thomas Macchiarella, BRAC Environmental Coordinator, at (619) 532-0907, fax (619) 532-0940.

ATTACHMENT D
RESPONSIVENESS SUMMARY

D.1 STAKEHOLDER COMMENTS AND LEAD AGENCY RESPONSES

ALAMEDA POINT – ALAMEDA, CALIFORNIA PROPOSED PLAN, OPERABLE UNIT 1 SITE 15		
Letters Received During Public Comment Period		
Comments by: Patrick Lynch		
Number	Comments	Response
1	I believe that a Feasibility Study of potential cleanup alternatives at Site 15 should be prepared by the Navy. The FS should use analytical data that is timely and representative of current site conditions. In my opinion soil samples collected in 1991 and 1995 from an uncontrolled hazardous waste site are not representative of site conditions in 2005.	The Navy collected data at Site 15 using a biased and phased sampling approach from 1982 until 2001, and the Navy and agencies believe that the data used in the final Remedial Investigation (RI) report dated June 2003 are representative of site conditions and are adequate to characterize the soil and groundwater at the site. In addition, with the exception of the soil removal action, the site conditions have not changed between the time the data were collected and today because all naval operations have ceased at Alameda Point and the site is not currently being used. Because Site 15 has only low levels of contamination that do not pose a significant risk for its current or proposed future use, it is not necessary to prepare a feasibility study.
2	The Proposed Plan lists a number of “Environmental Investigations” conducted at Site 15 in a manner that is misleading. Consider the listing: “Phases 2A and 2B EBS investigation in 2001,” which is a reference to sampling conducted in 1995 that did not include a Phase 2B investigation. Perhaps if the list of “Environmental Investigations” instead included only references to relevant investigations, referred to the investigation reports by their actual title, and provided index number for these reports so a member of the public could find these documents in the information repository, the Proposed Plan would enable, rather than discourage, public participation in “cleanup” or “no-cleanup” decisions. The Proposed Plan and past actions make it clear that the Navy continues to have no appreciation for the value of public participation in cleanup decisions.	The Navy appreciates public participation in cleanup decisions and attempted to provide the public with clear descriptions of all environmental investigations at Site 15 in the proposed plan. With the exception of two of the environmental baseline survey (EBS) investigations, Phases 2A and 2B and the storm sewer investigation, the dates listed in the proposed plan refer to the date of the sampling. These EBS investigation dates reference the year the report was published. The commenter is correct that sampling was not conducted at Site 15 during EBS Phase 2B; however, the EBS investigation was presented as Phases 2A and 2B to be consistent with the report name. The Navy will consider these comments in preparation of future proposed plans.

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3	<p>The Zone 3 Environmental Baseline Survey (EBS) shows that on May 13, 1993, an estimated 3,000-gallons and 2,500-gallons of hazardous materials remained stored at Building 283 and Building 301, respectively. The two Quonset Huts had dirt floors. I could not identify any data to demonstrate that this hazardous material storage did not leave contamination behind at Site 15.</p>	<p>Site 15 was a former transformer storage area, and oil containing polychlorinated biphenyls (PCB) was stored there at one time. This PCB-containing oil was drained from the transformers and sprayed on the ground nearby for weed control and was known to occasionally leak from transformers. Therefore, after the 1993 sighting referred to in the comment, a removal action was conducted from May 1994 to December 1995. The removal action objectives were to: (1) mitigate the risk to human health and the environment caused by potential exposures to soils with elevated PCB and lead levels, and (2) reduce the potential impacts of soil contaminants on groundwater. Based on confirmation sampling and additional data collected in 2001, the Navy believes that Site 15 has only low levels of contamination remaining, and it does not pose a significant risk for current or proposed future site use.</p>
4	<p>Soil excavated during the failed Non-time Critical Removal Action was stored in an un-sampled area of Site 15. The 30-foot high pile of contaminated soil was stored for several months after confirmation samples were collected. Plastic sheeting initially used to cover the contaminated soil was not maintained and as a result was promptly removed by shore breezes. Rank vegetation had grown over the contaminated soil before the soil pile was relocated to EBS Parcel 18 because of flooding at Site 15. There is no data to demonstrate that this illegal storage of hazardous waste (i.e. failure to meet minimum standards) during the removal action did not result in immediate redistribution of PCBs and lead throughout Site 15.</p>	<p>The non-time-critical removal action successfully removed 6,600 cubic yards of contaminated soil from Site 15 and safely disposed of the material off-site. In addition, 526 tons of building debris (some contaminated with asbestos and lead) were also disposed off-site. Although the initial cleanup technology (soil washing) was not successful, the removal action did accomplish its remedial objectives. The excavated soil was temporarily stored on a liner and covered at Site 15 for six months, then completely removed from Site 15 to a Temporary Treatment and Storage Area in Parcel 18 by early December 1995. The stockpile remained at Parcel 18 for 22 months until it was disposed at offsite disposal facilities in October 1997. The Temporary Treatment and Storage Area was constructed so that a liner was also placed between the stockpiled soil and the ground at Parcel 18. Confirmation samples collected at Site 15 during November and December 1995 do not show evidence of recontamination. Neither PCBs (Aroclors) nor lead were detected above the cleanup goals.</p>

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5	<p>The relocation of contaminated soil from Site 15 to a Corrective Action Management Unit (CAMU) at EBS Parcel 18 created two contaminated sites from one. The Amended Action Memorandum stated the CAMU location was already contaminated with PCBs and this contamination would be addressed later. The CAMU was used to store hazardous waste for more than one year, yet in violation of federal base closure laws there is no mention of a CAMU at this parcel in the 2001 EBS Report. PCB contamination at Parcel 18, which may be impacted by PCB releases from the Site 15 CAMU should be addressed by the Site 15 Proposed Plan since Site 15 is a likely source of this contamination and Parcel 18 contamination is not being addressed elsewhere.</p>	<p>The removal and storage of soil was conducted under the Installation Restoration program, which conforms to CERCLA requirements. In addition, Addenda to the CERCLA documents (engineering evaluation/cost analysis and action memorandum) were prepared to support the change in remedial action and final disposition of the soil. These actions were done with the knowledge and concurrence of the Department of Toxic Substances Control. A corrective action management unit, which is a special unit for permanent hazardous waste management under the federal Resource Conservation and Recovery Act, was not established nor was it required. A corrective action management unit is typically used as a permanent means of hazardous waste disposal. The Navy had no intention that the stockpiled contaminated soil would be permanently disposed at any location at Alameda Point. Consequently, rather than develop a corrective action management unit, a temporary storage area was constructed.</p> <p>As mentioned in the response above, the excavated soil was temporarily stored on a liner and covered at Site 15, then completely removed from Site 15 to a Temporary Treatment and Storage Area in Parcel 18 by early December 1995. A liner was also placed between the excavated soil and the ground at Parcel 18.</p> <p>Parcel 18 is being evaluated as Site 34. A workplan is in preparation for the site and includes sampling for Aroclors and metals at the location in Parcel 18 where the Temporary Treatment and Storage Area was situated.</p>
6	<p>The presence of 2,4-dinitrotoluene and n-nitroso-di-n-propylamine in soil samples collected from Site 15 in 1991 has not been addressed in the Proposed Plan. These toxic materials originated in Navy weapons systems. What are these explosive and propellant components doing at Site 15? Open detonation? Munitions burial?</p>	<p>The proposed plan did not address these chemicals because they were not found to pose a risk to human health or the environment. Of the chemicals mentioned, only 2,4-dinitrotoluene is a component of explosive materials. The chemical n-nitroso-di-n-propylamine is not a component of rocket fuels or explosives; however, a similar chemical, n-nitrosodimethylamine, is a component of rocket fuel. There are no known industrial uses of n-nitroso-di-n-propylamine outside of research laboratories.</p>

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		<p>Also, these chemicals were only detected in one duplicate soil sample (B15-01-002-Dup) and were not detected in the original sample (B15-01-002).</p> <p>The chemical 2,4-dinitrotoluene was detected in the duplicate soil sample (B15-01-002-Dup) at a concentration of 1,100 micrograms per kilogram ($\mu\text{g/kg}$). It was not detected in the original sample at a concentration greater than the detection limit of 170 $\mu\text{g/kg}$. As with 2,4-dinitrotoluene, there was a single detection of n-nitroso-di-n-propylamine in the duplicate soil sample at a concentration of 870 $\mu\text{g/kg}$. It was not detected in the original sample at a concentration greater than the detection limit of 120 $\mu\text{g/kg}$. Thus, the presence of 2,4-dinitrotoluene and n-nitroso-di-n-propylamine in soil is suspect. Deeper samples at the same location did not show the presence of 2,4-dinitrotoluene or nitroso-di-n-propylamine. No other sample collected at Site 15 showed detected concentrations of these chemical either.</p> <p>Chemicals reported in soil at Site 15 after completion of the removal action are presented in Table 5-1 of this record of decision report. The chemicals 2,4-dinitrotoluene and n-nitroso-di-n-propylamine are not shown because data associated with quality control samples are not included in the table.</p>
7	<p>Even if the timeliness and completeness of Site 15 data is not questioned, the conclusion that the residential risk is below 10^{-6} appears to be absurd. The cleanup level for PCBs of 1.0 ppm is above the 0.066 ppm residential PRG in 1994 when the removal action was conducted and is above the current PCB residential PRG of 0.22 ppm.</p>	<p>The Navy concluded that residential cancer risk is within the risk management range of 10^{-6} to 10^{-4}, which is similar to the risk from background metals. Risks calculated in the human health risk assessment (HHRA) use site-specific information and are consistent with EPA and DTSC guidelines for baseline risk assessments. In contrast, EPA guidance clearly states that preliminary remediation goals are intended for use in initial screening-level evaluations of soil and groundwater because they are calculated without regard to site-specific information.</p>
8	<p>What is the origination of the PAH screening level of 0.62 ppm? What document in the information repository has been made available for public review and comment that supports ignoring the human health</p>	<p>The agencies and Navy had a meeting regarding polynuclear aromatic hydrocarbons (PAHs) in soil at Alameda Point on May 31, 2001. At that meeting, given site specific circumstances, the Navy and the agencies established a screening criterion of 0.62 milligrams per kilogram for</p>

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	risks and environmental impacts of PAH contamination below this concentration?	PAHs, which is the midpoint of the risk management range. A summary of the meeting and its conclusions was presented to the Restoration Advisory Board (RAB) at the June 5, 2001 RAB meeting. The RAB meeting summary is posted on the Navy's website: www.navybracpmo.org .
9	Immediately across the Oakland Estuary from Site 15 one of the largest sources of diesel particulate matter that is carcinogenic primarily because of the PAH content. Diesel particulate matter is responsible for about 80 percent of the cancer risk from toxic air emissions in California. Why was the PAH screening level of 0.62 ppm in soil developed without the evaluation of PAH exposure from breathing air containing PAHs?	The baseline risk assessments conducted under the Installation Restoration program for Alameda Point are not intended to evaluate risk from offsite sources. They are intended to estimate human health risks associated with possible exposure to site-related chemicals, and please note that the HHRA for Site 15 included evaluations of inhalation pathways (inhalation of vapors in indoor and ambient air and inhalation of dust). Potential risk from inhalation pathways was assessed using soil and groundwater data. Because only chemicals considered to volatilize to air were evaluated for indoor and ambient air pathways, PAHs were only evaluated for the dust inhalation pathway. The potential risk from PAHs at Site 15 considering inhalation of dust, incidental ingestion, ingestion of homegrown produce, and dermal contact pathways is 3×10^{-5} , which is within the risk management range.
10	What were the site dimensions and wind speed used to evaluate dust-emissions and air quality impacts in evaluating site risks from soil contamination?	For the inhalation of dust pathway, the following formula was used to calculate intake: $CS/PEF \times IR \times ET \times EF \times ED / BW \times AT$, where CS = chemical concentration in soil PEF = particulate emission factor (m^3/kg) IR = inhalation rate ($m^3/hour$) ET = exposure time (hours per day) EF = exposure frequency; how often exposure occurs (days per year) ED = exposure duration; how long exposure occurs (years) BW = body weight (kg) AT = averaging time; period over which exposure is averaged (days) The following inhalation rates were used for a resident: $20 m^3/day$ for an adult and $10 m^3/day$ for a child. The particulate emission factor was 5×10^{-8}

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		m ³ /kg. The exposure duration was 30 years, and the exposure frequency was 350 events a year.
11	Why were no soil samples from Site 15 analyzed for asbestos?	Asbestos samples were not collected at Site 15 as a part of the RI investigations because sampling was focused on site activities, which did not include the use of asbestos. However, a basewide asbestos building survey that included inspections of buildings at Site 15 was conducted and documented in the Draft Asbestos Survey Report dated May 1995.
12	Did the risk assessment for recreational use include an analysis of the risk to subsistence fisherfolk? The Proposed Plan referred to, but did not include the risk calculations for the recreational exposure pathway in Table 1.	The evaluation of potential risk to recreational users at Site 15 did not evaluate ingestion of fish as a potential exposure pathway. Potential risk associated with offshore contaminants is being evaluated separately from Site 15, and the approach is presented in the Final Offshore Sediment Study Workplan at Oakland Inner Harbor, Pier Area, Todd Shipyard, and Western Bayside dated May 2005. The Site 15 risk calculations for the recreational scenario are presented in the RI report. Recreational cancer risk is 6E-06, and the noncancer hazard index is 0.04.
13	The California Toxics Rule contains federal water quality standards for PCBs, PAHs, and lead in San Francisco Bay waters. What was the design storm used to evaluate whether storm water runoff from the unpaved Site 15 would exceed these federal water quality standards?	Storm water runoff was not explicitly evaluated during the RI for Site 15. Ambient water quality criteria would only be applicable to groundwater plumes that discharge to the San Francisco Bay or through the storm drain system. There are no groundwater plumes at Site 15 and discharges through the storm drain system are governed by the National Pollutant Discharge Elimination System permit the City of Alameda maintains with the San Francisco Regional Water Quality Control Board. The only adopted sediment criteria for the San Francisco Bay are for mercury and Aroclors. Storm water runoff carrying sediment contaminated with Aroclors was not selected as a significant pathway because the removal action at Site 15 had reduced Aroclor concentrations to levels that were largely non-detectable. The detection limits were commonly less than the range of concentrations currently observed in the San Francisco Bay.
14	Have any samples been taken from the sediments or surface water surrounding storm-water outfall Z to	As part of the RI, sediment samples were collected near outfall Z; however, the recent dredging, begun in 2005, of the Oakland Inner Harbor makes the

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	demonstrate that PCBs, PAHs and lead in runoff from Site 15 have not already impacted surface waters?	results meaningless since they would not represent current conditions. It should also be noted that the storm water catch basins were cleaned in 1996; therefore, there is little likelihood that surface water runoff through storm drains would be an ongoing source of contamination.
15	The Navy was found to have violated federal laws requiring notification to employees, in this case firefighters, exposed to Site 15 contamination. It has also been noted that a former Navy firefighter filed a successful worker's compensation claim due to exposure to Site 15 contamination. It appears that a simple warning sign would have prevented this human health impact. How much would posting a warning sign at Site 15 have cost? How much money has been spent since 1983 on Site 15 investigations and cleanup? How can the Navy economically justify not placing warning signs at Site 15 and other the other 34 uncontrolled hazardous sites at the former air station?	This comment appears to address events that occurred many years ago and that are not relevant to existing site conditions as set forth in the proposed plan.
16	The Information Repository does not contain any sampling data from an Army Corps project at Site 15 in 1996 that included the burial of a sanitary sewer force main beneath the Oakland Estuary. What did the Army Corps do with contaminated soil that it encountered?	No samples are known to have been collected during this construction project. The removal of impacted soils at Site 15 had previously been completed during the 1994/1995 removal action.